

Significant Trends in Southern Industry.

In the great diversity and extent of industrial activity throughout the South today there are certain specialized groups which are attracting more than the usual share of attention due to the large amount of capital involved and the size of their operations.

Through purchase or construction there have been established in the South in the past four years more than 80 textile mills, under the ownership or control of New England or Eastern mill interests, in addition to many mills built by Southern interests and the enlargement of existing mills. Connected with this rapid advance in the cotton mill industry there has been a remarkable development in the way of establishment of rayon plants involving an investment of over \$100,000,000. Work is now under way on a new unit for the American Bemberg Corporation at Elizabethton, Tenn., and construction is in progress on a new plant at the same place for the American Glanzstoff Corporation. These two plants represent the beginning of a proposed investment which is claimed to be about \$50,000,000. The Celanese Corporation of America with its plant located near Cumberland, Md., is spending \$5,000,000 on improvements. The DuPont Rayon Company's plant at Nashville, Tenn., is making extensive additions, and the DuPont interests have purchased a large tract of land at Richmond for building a rayon plant at a cost of about \$10,000,000. The Industrial Rayon Corporation of Cleveland, Ohio, is preparing to build a plant at Covington, Va., at a cost of \$10,000,000, and a number of other rayon enterprises have been established in the South.

In 1927, following the building of a number of cement plants as well as extensions to several established mills in the preceding years, five big cement plants were completed in the South. Now other mills have been announced as to be built—one at a cost of \$3,000,000 at New Bern, N. C., a 1,000,000 barrel plant for the Mathieson Alkali Works in Virginia, a \$2,000,000 plant for the Arkansas Portland Cement Company in Howard County, Ark., and a 1,500,000 barrel plant proposed for the American Portland Cement Co., near Foreman, Ark. Construction is under way on the \$2,000,000 plant of the Missouri Portland Cement Co., near St. Louis, and \$750,000 is being expended in improvements to the Maryland plant of the North American Cement Corporation. The Volunteer Portland Cement Company of Knoxville, Tenn., has built a plant which is to have a capacity of 1,000,000 barrels a year. A plant for the production of 5,000 barrels of cement a day has been put in operation at Tampa, Fla. The building of these mills is resulting in the establishment of numerous concrete products plants for the manufacture of sewer and waste pipe, concrete blocks, cast stone for buildings, and a wide variety of ornamental products.

The Atmospheric Nitrogen Corporation is rushing work on the first unit of its nitrate plant at Hopewell, Va., it being generally understood that the plant will cost ultimately about \$100,000,000.

Construction work on the big sugar mill at Clewiston, Fla., is under way and the Chicago interests back of the enterprise claim they will invest about \$25,000,000 to \$30,000,000 in this plant and in the raising of sugar cane and in the use of the bagasse in the production of celotex.

This list of great enterprises throughout the South, running all the way from Maryland to Texas, could be almost indefinitely extended. To it might be added the remarkable activity in the building of great bridges, in hydro-electric developments and in the construction of steam plants for electric power in all parts of the South. In the aggregate these hydro-electric and steam power electric plants will represent an expenditure of several hundred million dollars. The rapidity of this development and the magnitude of it is one of the most striking phases of American business life ever presented to the country.

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The Rising Tide of Protective Sentiment for Agriculture.

COMMENTING upon the insistent demand of the Florida vegetable growers for an adequate protective tariff against the importations of similar products from Mexico and other countries, the Atlanta Constitution says:

"The people of Florida, at least, are not in favor of free trade. A great part of their industry and prosperity is dependent upon the marketable value of their citrus, truck and vegetable crops. Those crops are now menaced by the competition of Mexican regions across the Rio Grande. The growers down there are able, with peon labor and favorable transportation rates, to invade American markets and undersell the Florida products. That competition has now grown so formidable as to threaten the extinction of some of the special field industries of Florida.

"The remedy, or salvation, if you please, that the Floridans seek is such an increase in tariff duties on the Mexican products as to end the disastrous competition. They are appealing to their representatives in Congress to fight for such increased rates and the Congressmen are sympathetic with the demands.

"But the wonder is why the Florida growers and their Congressmen do not go directly to the President and urge him to apply to their case the flexible provision of the Tariff Act. Under that clause the President has the plenary authority to raise the rates by fifty per cent on the commodities that are strangling American products in the home markets. He has used that power in other cases to protect effectively the industries and products of other sections of the country—and why not now to save the investments and industries of

Florida?

"Here, too, is another spotlight illustration that the tariff issue is no longer a sectional or partisan one. All sections of the nation have some particular interest in the incidences and effects of tariff rates, and thereby the reasons multiply why the tariff should be removed from politics and put into the hands of a non-partisan, scientific, economic commission."

The Tampa Tribune in reviewing the situation which has recently been emphasized in the Manufacturers Record in regard to Florida's necessity for a protective tariff, closes an interesting editorial on the subject with the following:

"The State Chamber of Commerce's campaign to secure a tariff to protect Florida's agricultural products is still a long way from its conclusion and its success requires the fullest co-operation of the business and agricultural interests in the State."

The Bradenton, Fla., Herald in discussing the subject and giving some facts to show how Florida is suffering from the competition of Mexican products says:

"And if we are to continue to prosper in the production of vegetables we must insist upon Congress giving us adequate protection on an industry which means millions annually to many thousands of our permanent residents. We are indeed glad the State Chamber of Commerce has taken the matter seriously and we shall watch with interest the campaign to

get that protection with the hope that it will meet with ultimate success."

Florida vegetable growers need this protection and should have it, but the cement industry needs it equally as badly, and there are many other lines of industry not only in the South but in the country at large which are being as seriously handicapped by an inadequate tariff, and in some cases by absolute free trade, as are the vegetable growers of Florida. We believe in full protection for the farmers of Florida, Texas, the Carolinas, and Georgia and whether they are raising vegetables, citrus fruits, peanuts or other products, they should not be forced to compete with the cheap labor of other countries. This, however, is equally true as to all other industries where a protective tariff is needed. Some Southern States are buying foreign cement for instance for State work, because they claim they can get it at a little lower cost than some Southern made cement: and the consumers of fresh vegetables might on the same basis say they have the right to purchase these foreign raised vegetables without a tariff, using exactly the same arguments that have been used by the State authorities of South Carolina, North Carolina and other States in buying foreign cement. is sauce for the goose is sauce for the gander."

Adequate protection should be afforded to the iron and steel industry, to the cement business, the peanut growers, the citrus industry, the vegetable growers, and to all other lines of industry in this country, whether agricultural or manufacturing. We cannot secure our largest national prosperity unless our industries are protected by a tariff sufficiently high to safeguard us against the competition of the cheap labor of Europe and the Orient, and the arguments being used in behalf of the Florida producers apply with equal force to all other interests.

We have previously quoted freely from the Times-Union, formerly a strong free trade paper, now actively demanding a protective tariff for Florida fruits and vegetables. In another editorial on the subject it urges "necessary tariff regulations, such as will operate to obviate ruinous competition by fruit and vegetable growers in foreign countries whose products now are permitted to come into the United States and to be sold at prices which are undermining our trucking, fruit and vegetable industry of Florida."

We trust this protection will be given to the Florida interests, but the papers that are advocating this tariff must take a still broader view. They must include the entire agricultural interests of the South, for Florida cannot win standing by itself. It must have the co-operation of the peanut and soya bean growers and the vegetable producers of every State

in the South, whose industry is threatened by this foreign competition. In further commenting on this situation the Times-Union presents many arguments in favor of a protective tariff for Florida's trucking interests, which might be applied without the change of a single thought into protection of all American interests. It says:

"But not only the growers of Florida fruits and vegetables are made to suffer because of the loss of home markets for their products, invaded with imported tomatoes, citrus fruits, pineapples and other similar products. Every individual who now is enabled to gain a livelihood through labor on the farms producing vegetables and in groves and truck patches, together with dependent members of families, as well as others, is made to suffer when there are no fairly profitable markets for these products. Either the growing of such products must cease or those engaged in growing them must adapt themselves, by accepting lessened remuneration for their labor and reducing their standards of living to the level of conditions that prevail in Mexico and in other foreign countries that ship their fruits and vegetables to the United

"Recently, in the course of an address, delivered in the Jacksonville Open Forum, by Senor Jose Kelley, commissioner of the Mexican department of labor, authoritative and definite information was given with reference to conditions that prevail in Mexico, where labor of the peons was paid for at the rate of thirty-five cents per day, plus two quarts of corn, the latter, probably, to keep them from actual starvation. Ninety per cent of the people could not read or write, said Senor Kelley, because there were no schools, and living con-

ditions were of the most squalid character.

"Surely, no right-thinking American citizen, least of all any Florida citizen, wants to see Mexican conditions prevail in this country or in this State. Hence the present movement for proper and adequate tariff protection for the great agri-cultural industry that has been established in Florida. By reason of this industry tens of thousands of Florida people are prosperous and happy, living as human beings should live and enjoying all the many advantages of education, made possible, to a very considerable extent, by agricultural prosperity in Florida. An important branch of Florida's agricultural industry is seriously threatened, and will be destroyed, as the pineapple industry was destroyed, unless positive action

is taken to curb foreign competition, by which it is neither right nor fair to compel the people of this country to suffer. "What Florida fruit and vegetable growers are asking to have done in the matter of adjustment of the tariff rates on products that come in competition with those grown in this State, is not at all unreasonable. Furthermore, adjustments in the tariff law are authorized under act of Congress and have been made with reference to other lines of industry. Florida, therefore, is entirely justified in expecting the same treatment that has been extended to others similarly affected by the operation of the tariff law. Nothing more is expected or has been requested."

A TEXAS DEMAND FOR PROTECTION ON FARM PRODUCTS.

NOTHER illustration of the increasing demand on the A part of Southern growers in behalf of a protective tariff on vegetables and citrus fruits is seen in a statement issued by Sid Hardin, candidate for Congress from the Fifteenth Congressional District of Texas, in which, discussing the need of a protective tariff to safeguard the farm interests of that State, he said:

"I recognize that the price of products and the value of land and property in the Winter Garden District, the Rio Grande Valley and all other sections of the District, are dependent on the tariff rates on the products of the soil such as onions, citrus fruits, tomatoes and all other vegetables; on wool, mohair, hides and all other products in which we lead other sections in quantity of production and excel in quality.

"I inquire of every property owner in this Congressional District, what is the land worth if there is no market for the

products? What good are the irrigation plants unless the products of irrigation can be sold? Without protection from destructive foreign competition we can have no schools, no churches, no private enterprises, no prosperity and no mod-ern civilization. The prospective development just south of the Rio Grande threatens the growers and producers of this District with ruin unless we have a tariff. Without a tariff our railroads will have no tonnage, our merchants no trade, and there will be no employment for the laboring man. must look to a protective tariff to feed, clothe and educate our children and provide our families with the necessities, comforts and conveniences of life. The tariff is capable of maintaining and raising our standards of living to a higher degree of civilization or lowering it to the level of the peon.

"The issue is not political or partisan or personal. question is not whether you favor a Democrat or a Republican, a protectionist or a free trader, or whether you are for or against any candidate.

"The issues of this campaign translated into the language of the soil are: Do you favor the onion crop of this District rotting on the ground or selling for a fair price? Do you want forty cents per pound for wool or do you want ten cents? Do you want the lands of the Rio Grande Valley, the Winter Garden District and other sections to have permanent and reasonable values, or uncertain or low values or no values at all? Do you want the vegetables of this Dis-trict to be dumped or left in the fields or do you want a reasonble and fair profit? Protection is as much a necessity to the land of this District as the water that flows over the soil, and tariff should be no more of a political issue than irrigation.

"I pledge my constituents here and now that if I am elected to represent the Fifteenth Congressional District I will vote to place the best interest of my constituents above personal aggrandizement. No authority in Washington can compel me to consent to impoverish my District and there is no favor any group of Congressmen can offer me in Washington that will influence me to visit poverty and distress upon the people My first, last and only allegiance is to my of my District. District. I will not be a free trader in Washington and a protectionist at home.

"I am not concerned with names. Call it a competitive tariff, protective tariff or what not. I favor rates of duty which will give the producer of my District the market of the United States and I favor making it a permanent policy in government. I am, of course, willing to give the producers of other sections the same degree of protection that I ask for those of my District. My policy will be to live and let live, and I am opposed to a policy of starve and let starve."

AMERICAN BANKERS RESPONSIBLE FOR DE-VELOPING FOREIGN TOURIST TRAVEL

MERICAN bankers are still sending out enticing descrip-A tions of foreign travel to induce their stockholders and depositors to avail themselves of the Travel Department of those banks for foreign trips. The literature is exceedingly appealing. One can scarcely read some of the letters that go out from the Travel Departments of these banks without instantly having a longing to go abroad.

The banks are paid a commission by the steamship companies for every ticket they sell, and many banks are working this to the utmost of their power. The result is an everincreasing development of foreign travel until American tourists now spend it is estimated probably \$700,000,000 a year in Europe and in the expense of going there on foreign steamships, without counting the millions spent for travel to Canada and to South America and the Orient.

The foreign steamship lines are heralding far and wide through their newspaper advertising the story of how many hundreds of thousands of tourists they handle. This business is increasing at a rapid rate, and American banks are doing their utmost to encourage it for the commission they get out of the sale of tickets, ignoring the adverse influence to American business of sending these hundreds of thousands of passengers and these hundreds of millions of dollars to foreign lands.

COOLIDGE DENOUNCES GOVERNMENT-OWNERSHIP SCHEMES.

WHEN President Coolidge recently addressed the annual convention in Washington of the Society of the Daughters of the American Revolution, he took occasion to reiterate his consistent and well-founded opposition to all schemes for Government invasion into the domain of private enterprise. "There is one field," he said, "which belongs to the people, upon which they have uniformly insisted that the Federal Government should not trespass. That is the domain of private business. * * * If the people are to remain politically free they must be economically free. Their only hope in that direction is for them to keep their own business in their own hands."

The President does not waste time with pointless remarks, however wise they may be as philosophical generalities. When he uttered those words he had some very definite application in mind. It is safe to assume that he was thinking of the many bills now pending in Congress, deliberately designed to put the government into various fields of private enterprise, or to paraphrase the President's words, to rob the people of their political freedom by taking their own business out of their hands and turning it over to federal bureans. There is the Muscle Shoals bill, cleverly camouflaged under the pretense of making cheap fertilizers for the farmers, but actually designed to serve as an entering wedge for government ownership and operation of the whole great electric power industry. By means of specious, misleading and economically unsound arguments it seeks to divert attention from its real purpose and secure the support of farmers. There is the Boulder Canyon Dam project, which puts forth the specious plea of flood control and irrigation, but which in reality proposes to put the government into the business of generating and selling electric power, and of supplying water to the cities of Southern California. If space would permit, we might mention others, but these are enough to illustrate the insidious fashion in which government-ownership schemes are dressed up in the fancy garb of some particular, popular objective. It was against such schemes as this that the President's words were intended as a warning. In further discussing the subject he said:

"Our growth from 3,000,000 people, inhabiting thirteen detached Colonies lying on the Atlantic seaboard, poor in almost everything save character and spirit, to the flourishing nation of 118,000,000 people, extending across the continent, possessed of extensive material resources and endowed with all the facilities of science and art, education, and charity is a record known to all the world and thoroughly appreciated by everyone but ourselves. * * *.

"The theories which are advanced to entice the people into handing their private affairs over to the Government do not take into account all the facts. The fundamental characteristics of humanity are not going to be changed by substituting Government action for private enterprise. The individual who manages the one, with all his imperfections and his self-ishness, will have to be employed to manage the other.

"The very essence of business is the expectation of a profit on the part of those who conduct it. Government is conducted from an entirely different motive.

"When business is in private hands, it is expected to be run for the benefit of the owners. When the Government steps in, the purchasers, users, and beneficiaries of what the Government undertakes to supply insist that the concern should be conducted for their benefit.

"It does not eliminate selfishness; it simply transfers it in part from the seller to the purchaser. Under these conditions it ceases to be a real business, becomes lacking in enterprise and initiative, and does not have any motive to provide improved service."

What blind folly it would be if, to secure comparatively small local advantages, we should discard the methods and principles by which we have made such phenomenal growth, and substitute for it the socialistic methods of the Old World which our peculiar methods have enabled us to so swiftly outstrip.

In this fight against the insidious encroachments of Socialism, how sorely do we need the inspiring leadership of a Cleveland or the personality of a Roosevelt to arouse public sentiment and supplement the cold, uninspiring opposition of Coolidge.

LEARNING BY THE EXPERIENCE OF OTHERS.

FROM time to time the MANUFACTURERS RECORD publishes articles on the growing towns and cities of the South, rather for the benefit of the example to other towns of the South than for the advancement of the specific town discussed.

Every community that makes a marked advance in material and educational activities or which has done some particular work through the development of local energy or outside capital and energy, furnishes information and inspiration to other communities. Perhaps no feature of this paper is of more widespread interest to the people of the whole South than the stories of town growth, telling how this town or that was able to advance and to bring about prosperity. Some towns achieve these things in one way and some in another. Some achieve success through the farsighted activities of a local bank or banks, which visualize the possibilities of development and concentrate their energies upon the upbuilding of their respective communities.

The bank that does simply the ordinary banking business for the profit there may be in the handling of money, without taking an active aggressive interest in the growth of its town. is failing to utilize one of its greatest latent potentialities. Some banks are doing remarkable work in encouraging agricultural development, some in bringing about industrial development, some in combining both as a part of their work. A well managed bank thrives in proportion to the prosperity of its community. Connected with some of these town stories are many facts in regard to what banks here and there are doing for their communities. For instance, a bank in Columbus, Miss., recently wrote to the Manufacturers Record about some of the signs of progress in that community and asked if we would not when the occasion offered give some special mention of what the town was doing. The statements about the town were so interesting that a special correspondent was sent there to study the surrounding territory and to write of the progress of Columbus. That story appears in this issue; it is an illuminating one for every town in the South which is not doing the same kind of work.

It is impossible to cover fully all the prosperous and progressive towns of the South in this way, but from time to time we are giving some account of those whose stories carry inspiration for others.

FARM BETTERMENT SEEN BY A NEW YORK EXPERT.

R. O. S. MORGAN, Professor of Agriculture, Columbia University, New York, in the course of a letter to the MANUFACTURERS RECORD, writes:

"It has just been my pleasure to visit Tuskegee Institute and to note the live, intelligent interest taken by colored farmers in diversified farming. I see a very favorable contrast through the South on this trip of March 30 to April 4, compared with my trip in the summer of 1924."

BETTER WATCH THESE MUSCLE SHOALS SOCIALISTS, UNCLE SAM.

THESE Socialistic chaps down in Washington want to set our Uncle Sam up in business as a fertilizer manufacturer in direct competition with his nephews. But it is his nephews who support the worthy old gentleman, paying him whatever portion he demands of their incomes, and it seems scarcely reasonable that he should expect his fertilizer nephews to continue supporting him while he uses their contribution to make cheap fertilizers and undersell them. Possibly he intends to exempt them from taxation, so they can continue to supply the farmers that Uncle Sam will not supply—but if so, he has said nothing about it.

But just fancy what a storm of protest would go up from the farmers who could not get some of Uncle Sam's fertilizer. Since the old gentleman would pay neither taxes nor dividends, nor, for the first five years, any interest on the \$125,-600,000 contributed by his nephews to his Muscle Shoals fertilizer plant, he could sell fertilizer much more cheaply, in spite of his dear old blundering, archaic ways in business, than his more alert young nephews. Then the farmers in sections to which his fertilizers could not be shipped would certainly demand that he set up plants in their neighborhoods and sell cheap fertilizers to them also. Why not? Nothing could be fairer. The farmers of Georgia, Alabama, Mississippi and Tennessee have no more right to cheap fertilizers from Uncle Sam than have the farmers of Maine, Illinois or Wisconsin. No doubt this thought has occurred to the Socialistic gentlemen in Congress, but they know their Uncle, and they well know that to propose too sweeping a change all at once would frighten the old gentleman. They know that the way to inveigle him into these affectionate little paternalistic schemes is to get him committed to some one, specific plan, and thereby establish a precedent. He can't show partiality, and if he does it for his farm nephews in one place he must also do it for all of them, everywhere.

These Socialists are clever birds. They know our dear old Uncle's reluctance to do anything without precedent, and they point to the National Defense Act, passed as a war emergency measure, and tell the old gentleman it obligates him to make fertilizers. The section they quote related to nitrate supplies, and authorized President Wilson to construct and operate equipment for the generation of power and for "the production of nitrates * * * needed for munitions of war and useful in the manufacture of fertilizers and other useful products."

Mr. Brand, who speaks for Uncle Sam's fertilizer nephews, says that nitrates, as this section indicates, are used in a lot of "other useful products." He says that if this law directs Uncle Sam to make fertilizers because they are useful and because they require nitrates, the same clause directs him to make all these other useful products requiring nitrates, such as rayon, Duco and other nitro-cellulose varnishes, dyes and all explosives.

If Uncle Sam is going to make cheap fertilizers for his nephews down on the farm, can he neglect his nieces, who just love their rayon stockings and undies? And how about all his nephews and nieces who paint their shiny cars with Duco and other nitro-cellulose varnishes?

Bear in mind, Uncle Sam, that if you supply some of your

nephews down on the farm with cheap fertilizers you must supply all of them; and if you supply all of them then we, their cousins who live in the cities and don't buy fertilizers, will demand to be supplied with something. And if you run your fertilizer nephews out of business by your tax-subsidized competition you will lose their contribution to your income, and will have to make it up somehow; and if you run your rayon nephews out of business, their contribution must be made up somewhere. In fact, dear Uncle, if you are going to supply our farm cousins with cheap fertilizers you might just as well buy yourself a lot of farms and supply us, your city nephews and nieces, with cheap foods. We are jealous and don't want any partiality. Better watch these Muscle Shoals Socialists, Uncle Sam!

A VICTORY FOR THE PUBLIC AGAINST THE INTERSTATE COMMERCE COMMISSION.

THE smashing victory against the Interstate Commerce Commission by the decision of the Federal Court at Richmond permitting the Southern coal carrying roads to reduce their freight rates on the roads to the Lakes is of profound significance to the entire country. Pre-eminently is it important in connection with the refusal of the Interstate Commerce Commission to permit the Piedmont and Northern Railroad, a suburban electrical line, to spend about \$20,000,000 in the extension of its lines in the Carolinas. The decision against this road is about as high-handed a proceeding as could possibly be imagined as coming from the autocratic, bureaucratic organization known as the Interstate Commerce Commission.

The spirit of that organization was admirably shown in the refusal to permit Southern railroads to reduce their freight rates on coal to the West, the reasons given therefor being without shade of a shadow of foundation. These reasons have been swept away by the unanimous decision of the Federal Court, which has shown that there was no justification whatever for the action in denying to these railroads the privilege of reducing their freight rates when they were able to demonstrate that it was entirely financially feasible for them to do so.

We take it for granted that the Piedmont and Northern people either will appeal to the Supreme Court for a reversal of decision in their case or else will go ahead and build their road, denying the right of the Interstate Commerce Commission to prevent their doing so.

It should be understood that the Interstate Commerce Commission is not a Federal or a state court against whose decision no one would be justified in going contrary, but in this case the Commission is simply a bureaucratic power, assuming authority which we do not believe Congress ever intended to give to that body and undertaking to say that this road or that road cannot be built even though the necessity of the road is presented as strongly as was done in the case of the Piedmont and Northern. The decision against that road by the Interstate Commerce Commission raises the question as to whether that Commission, in the long run, is not a greater injury to the country than good. The men composing that Commission not only have unfortunately been given a greater power over the railroads of the country than is justified, but also they have assumed a power far and away beyond anything that was ever intended by Congress that they should

In the decision of the Federal Court against the action of that Commission in the coal rate is to be found a hope that the courts will continue to curtail the power of that Commission and restore the right of people to do business without complete domination by bureaucratic power in Washington.

A Victory for the Country in Reduction of Coal Rates to the Lakes.

Institution of the proposed reduction of 20 cents a ton on coal by rail carriers from West Virginia, Kentucky, Virginia and Tennessee to Great Lakes ports was made possible last Friday by earlier refusal of the United States Supreme Court to grant a stay of an injunction ordered by the Federal court at Richmond to estop the Interstate Commerce Commission from preventing the proposed reduction. The reduced rates will remain effective until the Supreme Court shall pass on the Government's appeal from the decision of the Federal District Court, granting the injunction.

By these decisions the way is opened for continuance of business by the mines of the States mentioned with the Great Lakes ports.

In brief, the effect of the injunction is to restore the differential which the Commission itself originally had established and which, as Judge John J. Parker said in his opinion, the Commission itself "had approved before it reached the conclusion that it was its duty to consider the industrial conditions prevailing in the Northern field and the shift of traffic resulting therefrom."

Part of Judge Parker's opinion, in which Judge Elliott Northcott and Judge George W. McClintic concurred, was as follows:

"We think that in entering the order complained of, the Commission exceeded its powers and proceeded upon erroneous theories of law. We think that its action was essentially an effort to equalize industrial conditions or to offset economic advantages of rate adjustments not warranted by anything contained in the Transportation Act of 1920, or in the Hoch-Smith resolution.

"We think that it erred, as a matter of law, in holding that the burden was upon carriers who had filed schedules reducing rates to show that the rates as reduced were not unreasonably low as compared with lower maximum rates prescribed for shipments from another field, and in holding that the schedules should be cancelled for failure of the carriers to sustain this burden.

"We think that there was error of law also in the holding that the burden was upon the carriers proposing a reduction of rates to justify the reduction under section 15 (A) (2) of the Transportation Act of 1920, or the Hoch-Smith resolution.

"For these reasons, we think that the order complained of is void; and, as it is affirmative in its nature, commanding cancellation of rate schedules which will become effective if not cancelled, and as complainants will be injured if its enforcement is not enjoined, we have no doubt of the power of the court to grant the injunction prayed.

"It will result in a reduction of rates which the carriers are willing to make and will enable the public to obtain the benefit of a lower cost of transportation. It cannot injure the carriers which serve the competing Northern field because the maximum rate which they can charge is lower than the reduced rates from the Southern field.

"In a word, its only effect will be to prevent the Commission from interfering with industrial conditions in the localities affected and from forbidding a reduction of rates which will preserve the differential that has prevailed for many years. The injunction prayed will accordingly be granted."

To increase the differential between the two coal fields as attempted by the Interstate Commerce Commission "is not regulation of rates, but regulation of industrial conditions under the guise of regulating rates," the Court further held, and added:

"It means nothing more or less than that, because one community is able to produce coal more cheaply than another and thereby get a large share of the business which has been going to the other. Even though paying considerable differential in freight, the commission is placing upon it a handicap by increasing the differential in rates, and thereby equalizing the advantage which it has in a low cost of production.

It matters not what this may be called, it is in essence a regulation of industrial conditions through manipulation of rates."

The Court further says that it does not believe Congress could give such power to the Interstate Commerce Commission if it wanted to, and that it does not believe it ever intended that such power should be exercised by the Commission.

"The Commission is given power to determine and prescribe what will be the just and reasonable rate to be thereafter observed," says the Court, "but nowhere is it provided that in doing so the Commission may prefer one section of the country over another, or that it may fix rates, or may prevent the fixing of rates by the carriers, with a view of placing competing producers upon an equality or of compensating for disa ly:intages under which competing communities may labor.

"Manifestly, such a power is not conferred by the statutes referred to, for rates fixed with such an end in view are not 'reasonable' but are unreasonable and constitute an unprecedented interference with the industrial conditions of the country."

If sustained by the Supreme Court of the United States, the lower Federal Court's decision in restraining the Interstate Commerce Commission from prohibiting a reduction in coal rates in the Great Lakes case may prove a barrier which bereafter will confine the activities of the Commission to the area of legitimate and reasonable rate supervision which is specified by the law under which it operates. Optimists may regard the present continuance, by the Supreme Court, of the temporary injunction issued by the junior court as a sign of promise.

A more comprehensive and emphatic utterance than that voiced by Judge Parker, and concurred in by Judge Northcott and Judge McClintic, in granting the injunction against the Commission would be hard to imagine. Not only, says the Court, did the Commission "exceed its power," but also it "proceeded upon erroneous theories of law." In short, the Commission must respect its legal limitations and also must revise its own legal interpretations under which it has acted.

First: How did the Commission "exceed its power"? By endeavoring "to equalize industrial conditions or to offset economic advantages of rate adjustments not warranted by anything contained in the Transportation Act of 1920, or in the Hoch-Smith resolution," the Court answers.

Therein is the crux of the situation, not only in this case, but also in others in which the Commission has assumed authority "to equalize industrial conditions or to offset economic advantages." Such procedure, the Court adds, "is not regulation of rates"—that is, legal and reasonable and businesslike regulation. It "is a regulation of industrial conditions in the localities affected"—that is, a move to balance conditions of unequal weight, "under the guise of regulating rates," or by the scales of false pretenses.

A more keen and incisive and emphatic denunciation of the Commission's unwarranted assumption of such power hardly could be devised.

Second: How, in this instance, did the Commission misinterpret the law? By placing the burden of proof on the carriers which proposed the rate reduction, to show that the proposed rates were not "unreasonably low," in comparison, and by demanding that these carriers "justify the reduction."

To a layman, it might seem reasonable that a carrier should be asked to justify itself in proposing higher rates. To demand that a carrier justify its course in reducing rates, hardly seems reasonable, unless such reason be asked by a stockholder in a road who may fear the jeopardizing of his investment.

Then, to cap the climax, Judge Parker asserts that not even did Congress have the power to grant to the Commission such authority as the Commission assumed in endeavoring "to regulate industrial conditions through manipulation of rates." The Commission has no such power and the Congress has no authority to confer on it such power, says the Court.

Too often do commissions, bureaus, councils and individual officials—even. Executive departments—of the Government overstep the limits of various laws. Frequently, do they overstep them to a degree that not even Congress would have authority to grant them. The Interstate Commerce Commission is by no means the only such offender.

In checking the Interstate Commerce Commission, the court has taken a great step toward the restoration of legal limitations on Government agencies. It is to be hoped that other agencies may take warning by this example and curtail their extra-legal operations to lawful limitations.

Under this decision, shipment of coal to the West was immediately resumed by those Southern roads.

The position of the Manufacturers Record which from the beginning has fought this illegal and unwise action of the Interstate Commerce Commission has thus by the Federal Court been fully sustained.

Developing Southern Airways.

Progress in the development of mail, business and passenger airways in the South is reported by the aeronautics branch of the Department of Commerce, which also hopes for full replies from that section to a questionnaire recently sent to airway and air service operators, manufacturers and private owners. This questionnaire asks the number of miles flown in each kind of flying, passengers flown, passenger miles, air transport efficiency, express flown, investment, airplanes in operation, and so on.

On the Louisville-Cleveland route, the remaining five sites between Carrollton, Ky., and Cincinnati needed to complete the Louisville-Dayton section have been selected. The survey is now complete, maps and data sheets have been prepared and proposals for the installation of lighting equipment will be requested shortly. Nine fields and 24 beacon sites comprise the aids to air navigation which will be installed.

Intermediate landing fields between Tulsa, Okla., and Ponca City have been located at Fairfax and Hominy, Okla., and beacon sites between these fields and the airport terminals are now being selected.

Between New Orleans and Atlanta, progress has been delayed by rains and mud, but sites have already been selected between Birmingham and Anniston and it is expected that the survey will be completed on schedule time.

Henry B. du Pont, of Wilmington, Del., has offered the use of his private flying field as an emergency field on the Atlanta-New York airway. Mr. du Pont is providing all the lighting required on the field to make it available for use day or night.

On the Atlanta-New York airway, the air mail pilots of Pitcairn Aviation, Inc., are engaged in night practice flying. Thirty-six lighted beacons have been placed in operation and others are being turned on daily, with expectation that practically all lights will be in operation by the time the air mail service starts. Intermediate fields are being reconditioned on the section between Spartanburg and Greensboro. Surveys and contracts are being made for the conditioning of the fields on the Greensboro-Richmond section. The landing fields on the southern section of this route require considerable grading and conditioning.

\$3,000,000 TERMINAL PROJECTED NEAR NEW ORLEANS.

Plan to Establish Car Ferry to New Orleans— Orders Reported Placed for Equipment.

The construction of a \$3,000,000 terminal below New Orleans on the Mississippi River has been projected by the Missouri Improvement & Placquemines Parish Wharves, Docks and Shipping Terminals, Inc., as part of an \$8,000,000 freight car ferry transportation service to Cuba to be instituted by the American Overseas Freight Ferry Company, 11 Broadway, New York, and the Missouri Pacific Lines, of which E. A. Hadley, St. Louis, is chief engineer, according to reports current in New Orleans. Alfred Smith, former president of the Ward Line Steamship Company, will become president of the American Overseas Ferry Company, it is said, which has already placed an order in England for an 8000-ton car ferry for use in the New Orleans-Havana service, with the possibility of a second order being placed soon. Backers of the terminal project plan to lift sealed freight cars from tracks of the Lower Coast Branch of the Missouri Pacific Lines near Belle Chasse and transport direct to Havana for distribution over Cuban railroads.

To Install Coke Handling System.

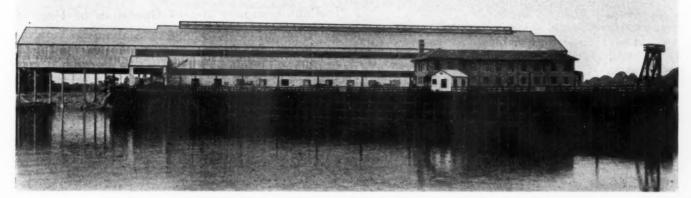
Woodward, Ala.-The Woodward Iron Company has awarded contract to the Semet-Solvay Engineering Corporation, New York, for the construction of a new coke-handling system, including wharf, screening and loading plant. The new equipment is designed to take care of the output of 230 ovens, estimated to be 2500 tons daily. The run of coke will be discharged on an inclined wharf 160 feet long and will be delivered to a 42-inch belt conveyor which will carry it to the screen. Grizzly screens will separate smaller sizes and a conveyor will deposit the coke in cars. A by-pass will be provided at the screens to permit loading oven coke direct if desired, and shaking screens will handle rejects from furnace and foundry screens. A reclaiming hopper will be located at the end of the wharf, into which will be dumped coke from storage, and a conveyor will deposit this coke on the main wharf conveyor for transportation to the screening and loading plant. The new system is expected to be ready for service this summer.

Preliminary Contracts on \$10,000,000 Rayon Plant.

Richmond, Va.—A grading contract for railroad tracks from the main line of the Seaboard Air Line to the site of the proposed \$10,000,000 DuPont rayon plant at Ampthill, near this city, has been awarded to Allen J. Saville, Inc., Richmond, and contract for building a concrete road from the Petersburg pike to the plant site has been awarded to Waugh Brothers, Culpeper, Va. Upon completion of these facilities about May 5, the construction of the plant will be started by the DuPont Engineering Company, Wilmington, Del., H. B. Eaton, chief of construction. The mill is expected to be ready for production in February, 1929.

16-Story Building for Charleston.

Charleston, W. Va.—Preliminary plans have been prepared by Wysong & Bengtson, of this city, for a 16-story building here on lots belonging to separate interests—Charles K. Payne owning one lot and Mrs. Robert Skees and others, the second lot. Ground floor dimensions of the building will be 120 by 85 feet and it is contemplated that one-half the structure be used as a hotel and the other half devoted to offices.



DISTRIBUTION PLANT AT HOUSTON OF CARNEGIE STEEL CO.

New warehouse designed with a view to facilitating shipment of company's products throughout the Southwest. Barges from the steel mills are unloaded by electric cranes direct into storage.

Carnegie Steel Completes Modern Warehouse on Houston Ship Channel.

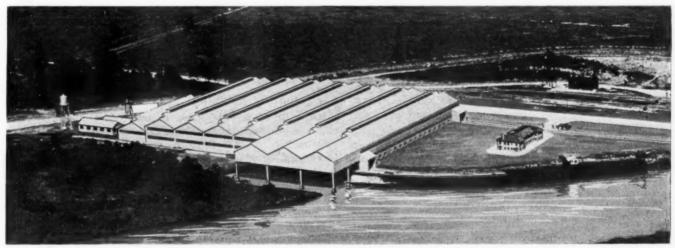
At Houston, Texas, the Carnegie Steel Co. has recently completed on the Houston Ship Channel a large warehouse designed to serve the company as a point of distribution for its products in the Southwestern territory. The site of the warehouse has a total area of 97.64 acres, of which 18 acres on the Ship Channel are developed for warehouse purposes.

The main warehouse includes eight parallel buildings or bays, totaling 650 feet by 500 feet, all under one roof. It is of steel construction with galvanized, corrugated steel roof and siding, each bay being equipped with an overhead electric traveling crane. Natural light and ventilation are provided in the design of the building, and modern equipment for cutting and performing other operations has been installed. In auxiliary buildings, located conveniently to the warehouse building are the offices, electric sub-station, storeroom, sanitary station, hospital room, oil house, engine house and garage. In the sanitary station, the rooms are especially designed for the comfort and welfare of the employes. The standard gauge railroad trackage is approximately 1½ miles with connections to the Southern Pacific and the Public Belt Railroad.

Engineering features were handled by the Carnegie Steel

Company's engineering department at Pittsburgh in conjunction with the warehouse management. R. J. Cummins was the consulting engineer on dock construction and M. J. Sullivan the architect on the office and other auxiliary buildings. The warehouse is regarded as ideally located to receive shipments, either by rail, water or truck; it is immediately upon the Ship Channel and deep sea craft drawing up to 30 feet of water may load or unload at the warehouse dock. The dock is 300 feet long and is equipped with an electric locomotive crane. Connections with all trunk lines coming into Houston expedite the handling of inbound rail shipments.

Entering the warehouse at the west side is a barge slip dredged to a depth of 10 feet. Over this operate three high-speed traveling cranes, arranged to transfer materials from barges directly onto the warehouse floor or railroad cars. These facilities make it possible for the warehouse to receive consignments direct from the mills by water with but one handling. Direct connection with the Southern Pacific Lines, and through the Port Termnial Railroad, with all railroads entering Houston, facilitates prompt delivery to any point in the territory served by these railroads. That a large number of cars may be loaded and handled at one time, ample standard-gauge tracks have been installed within the warehouse



GENERAL VIEW OF HUGE WAREHOUSE, SHOWING FACILITIES FOR RECEIPT AND DISCHARGE OF STEEL.

property. For quick local deliveries, a fleet of trucks is constantly available.

Conforming to the long established policy of the United States Steel Corporation relating to industrial safety, sanitation and welfare, an attractive building has been provided so that each employe may profit by healthful surroundings. Each man has a locker for his private use, while in adjacent rooms are lavatory, shower baths and sanitary facilities of the most modern type. Immediate medical attention in case of sickness or accident is provided, and an emergency hospital, constructed and equipped in up-to-date manner with a graduate nurse in constant attendance.

A well 800 feet deep furnishes an abundant supply of pure drinking water. It is cooled by mechanical refrigeration and is distributed by numerous fountains conveniently located throughout the various buildings. Power is supplied by Houston Light and Power Company through a 12,000 volt transmission line to the sub-station which contains 3-250 K. V. A. power transformers, 3-50 K. V. A. lighting transformers and -500 K. W. motor generator sets.

The firms engaged in the construction and those who furnished equipment are:

Cold saw and tables-United Engineering and Foundry Co., Pitts-

Dredging in ship channel—Atlantic, Gulf and Pacific Co. of Texas. Houston.

Dredging in ship channel—Atlantic, Gulf and Pacific Co. of Texas, Houston.

Dock and trestle, office building and various auxiliary buildings—Don Hall, Houston.

Dock crane—Brown Hoisting Machinery Co., Cleveland, Ohio.

Electric equipment in sub-station—Westinghouse Electric and Manufacturing Co., Pittsburgh.

Electric wiring—A. T. Vick Co., Houston.

Fence and gates—Cyclone Fence Co., Waukegan, Ill.

Foundations—W. H. Nichols and Co., Dallas.

Frigidaire drinking water coolers—Suburban Electric Development Co., Pittsburgh.

Grading of site—Charles K. Horton, Houston.

Main warehouse—American Bridge Co., Pittsburgh.

Main warehouse building cranes—Cleveland Crane and Engineering Co., Wickliffe, Ohio.

Trucks—General Motors Co., Detroit.

Trucks—General Motors Co., Detroit.

Truck scale—Buffalo Scale Co., Buffalo, New York.

Water tank—Chicago Bridge and Iron Works, Chicago.

To Tell of Uses and Value of Wrought Iron.

Pittsburgh, Pa., April 21.-Representatives of the leading manufacturers of wrought iron in various parts of the country, in session at the Duquesne Club, formed the Wrought Iron Research Association, the principal object of which is to gather and disseminate information about this metal.

The members of the Association are the American Swedo Iron Co., Philadelphia; Burden Iron Co., Troy, N. Y.; A. M. Byers Co., Pittsburgh; Cohoes Rolling Mill Co., Cohoes, N. Y.; Ewald Iron Co., Louisville, Ky.; Glasgow Iron Co., Philadelphia; Highland Iron and Steel Co., Chicago; Hughes & Patterson, Philadelphia: Logan Iron & Steel Co., Philadelphia: Lockhart Iron & Steel Co., Pittsburgh; Penn Iron & Steel Co. and Pittsburgh Forge & Iron Co., both of Pittsburgh; Reading Iron Co., Reading, Pa., and Ulster Iron Works, Dover, N. J. The executive committee consists of George O. Boomer, Louisville; Frank W. Hamilton, Dover, N. J.; J. M. Gillespie, Pittsburgh; L. M. Johnston, Pittsburgh; Snowden Samuel, Philadelphia; L. E. Thomas, Reading, and William C. Wolfe. Chicago. Mr. Johnston was elected president and Mr. Samuel secretary-treasurer of the Association. Headquarters of the Association will be in Pittsburgh.

Mr. Samuel stated that the wrought iron industry has long suffered through lack of knowledge on the part of the public about the characteristics of this material. Modern metallurgy, he said, has failed to discover a satisfactory substitute for honest, old-fashioned wrought iron for many classes of service. The Association will endeavor to furnish to engineers and laymen dependable information about the uses and properties of wrought iron, and a publicity campaign will be started immediately, necessary funds having been provided.

NITRIC ACID BY NEW PROCESS.

DuPont Company Begins Operation of Unit at Dynamite Plant in Alabama.

Birmingham, Ala.-Manufacture of nitric acid by the oxidation of ammonia is now a fact at the Mineral Springs plant of E. I. du Pont de Nemours Company. With the completion of this new unit the Birmingham works is a completely rounded out plant for the manufacture of all semi-finished products going into the manufacture of dynamite and gelatin dynamite.

In 1926-1927 when the company erected its big dynamite plant no facilities were included for the manufacture of nitric acid, due to the fact that the company had important experimental work under way with a view to revolutionizing the process for making nitric acid, one of the most important semi-finished products entering into the complex chemical ramifications of dynamite. Hence, one of the other plants of the company has supplied nitric acid for use in the Alabama plant up to the present time.

The process produces a nitric acid which is practically chemically pure and vastly superior to nitric acid manufactured from sodium nitrate, says the company. This plant is said to have the distinction of having the first commercial installation of this kind in the United States, with the exception of the experimental plant at Repauno, N. J., which is new operated on a commercial basis.

Building Activities at Monroe.

Monroe, N. C.-With a population of 10,000 and backed by a rich farming section, Monroe is making notable progress, especially in its construction activities. The city recently installed new traffic lights and is now constructing a causeway at the head of State highway No. 20, with the purpose of continuing this street to Franklin street, thereby obviating the necessity of making more than one turn on the highway which leads through the heart of the city.

Among the more important construction items completed, under way or projected, are the new plant of the Coca Cola Bottling Company now occupied, a projected plant for the Monroe Enquirer, a \$50,000 building for the Monroe Hardware Company on which work has begun, establishment of a flying field by the United Airways of North Carolina, \$30,000 educational building projected by the First Presbyterian Church and a large number of business buildings by J. R. Shute, Sr., beside many other projects of varying importance.

To Supply Artificial Gas in Carolinas.

Arthur J. Smith, Chicago, has obtained franchises to supply artificial gas to a number of cities in the Piedmont district of North and South Carolina from one or more central plants. The project will involve several millions of dollars, it is said, and will require several hundreds of miles of gas mains, gasmaking machinery, holders, compression tanks, meters, governors, commercial and industrial appliances.

Promoting \$500,000 Medical Arts Building.

Knoxville, Tenn.-Dr. Reese Patterson and others of this city are promoting the erection of a \$500,000 medical arts building here, of 12 to 15 stories with basement and two sub-Tentative plans call for a steel and concrete basements. frame, probably with cream colored brick, marble and terra cotta trim. Charles I. Barber, Knoxville, is preparing

Wake County Commissioners, Raleigh, N. C., sold \$400,000 of 90-day school notes to the Raleigh Banking and Trust Company on the basis of 4.25 per cent interest.

Piedmont & Northern Railway Denied Authority to Extend Its Electric Road.

I. C. C. SUSTAINS OPPOSITION OF COMPETING CARRIERS AND DISREGARDS PLEAS OF STATE OFFICIALS, SHIPPERS AND CIVIC BODIES.

Taking the ground that public convenience and necessity had not been shown to require additional railroad facilities the Interstate Commerce Commission has denied the application of the Piedmont & Northern Railway for authority to construct extensions of its electric railway system from Spartanburg, S. C., to Gastonia, N. C., and from Charlotte to Winston-Salem, N. C., a total of 128 miles. Six of nine commissioners concurred in the ruling. Commissioner McManamy wrote a dissenting opinion, in which he held that on the showing made by the petitioners the certificate should be granted. Commissioner Esch joined in the dissent. Another dissenting opinion was written by Commissioner Brainerd, who contended that the motion to dismiss the application for lack of jurisdiction should have been granted. Commissioner Aitchison did not participate in the disposition of the case, nor did Commissioner Woodlock, but the latter concurred in the

The applicant contended that no authority from the commission was necessary to construct the proposed line, contending that the proposed lines would merely complete its railroad, the building of which was begun prior to the effective date of paragraph 18 of Section 1, of the Transportation Act, which construction has been prosecuted with reasonable diligence under the circumstances and has never been abandoned; also that the proposed line will form part of an electric interurban railway, not to be operated as part or parts of a general steam railroad system of transportation. The section of the line between Charlotte and Gastonia was completed and put in operation in July, 1912; the section from Greenwood to Greenville in November, 1923, and the section from Greenville to Spartanburg in April, 1924. No mileage has since been constructed, the applicant stating that construction was deferred because of financial conditions caused by the World War; that some engineering examinations were made in 1916 but financial conditions prevented further work; that when the road was turned back to its owners at the end of Federal control the property was in bad physical condition and had less traffic than before the war; that it was necessary first to rehabilitate the existing lines and restore the traffic: that the applicant considered proceeding with the construction, but did not consider it prudent to do so because of uncertain financial conditions, high prices, etc. It was not until near the end of 1923 that financial conditions were thought to justify proceeding with the work, and surveys and studies were begun, but the death of James B. Duke, the controlling power in the applicant's affairs, further delayed work for nearly a year.

The application had the support of the Governors and utility commissions of North Carolina and South Carolina, of various municipal, civic and trade organizations, and of many individual shippers. No opposition was voiced except by the carriers now serving the territory. The Georgia & Florida Railroad supported the application.

It was pointed out, after time for study of the decision had elapsed, that the Piedmont & Northern has not necessarily been defeated in its plan for an extension program. There are three ways in which it can continue its fight: First,

apply for a rehearing to the Interstate Commerce Commission and again present arguments for approval of its projects; second, go ahead with the extensions on the theory that the Commission has no jurisdiction; third, contest the jurisdiction of the Commission in the Federal courts.

The Railroad in presenting arguments to the Commission never conceded jurisdiction, and has always maintained that the governmental body is without control over its program. It was maintained that the proposed extension is that of an interurban electric railway and is under the power of the State commissioners, who have already granted approval and advocated the extensions before the Interstate Commerce Commission.

It is generally believed that the Piedmont & Northern will apply to the courts and question the right of the Commission to require a "certificate of public convenience and necessity," and in this way take the case to the Supreme Court. Such a plan would decide for the first time the interpretation of the Transportation Act of 1920 as to whether an electric interurban line is, in the main, the same as a steam railroad. Under the decision denying the Piedmont & Northern the right to construct its proposed extension, the Commission maintains that it is

It is understood that the National Association of Railroad and Utility Commissions will be behind the Piedmont & Northern in any such move. The association, through its counsel, J. H. Benton, in the case before the Commission took the view that control of electric lines should be left to the State commissions. It was pointed out that when the Transportation Act of 1920 was passed representatives of the association appeared before the committee on interstate commerce and asked that the electric lines such as the Piedmont & Northern be exempted from the control of the Interstate Commerce Commission, and it is contended that it was the intent of Congress to exempt electric lines from Federal regulation.

Governor McLean of North Carolina, commenting on the decision is quoted as saying:

"Congress did not understand when it passed the Transportation Act that it was empowering the Interstate Commerce Commission to stop construction of extensions. If the position of the Commission is correct, it practically establishes a monopoly instead of making for competition."

Senator Overman is reported to have commented as follows:
"It has come to a pretty pass when the Interstate Commerce Commission can regulate the prosperity or growth of a State. I have no idea that the average member of Congress thought that he was delegating any such power as the Commission now claims. I believe that if the Simmons bill comes to a vote, Congress will definitely declare that the Commission shall keep its hands off of this sort of proposal."

Surprise was expressed in railroad circles that the Interstate Commerce Commission should disregard the plea of State officials, shippers and civic organizations.

Work Begins on \$2,236,000 St. Louis Down-Town Lighting System.

St. Louis, Mo.—Work has been started on the installation of St. Louis' down-town lighting system, for which G. L. Tarlton of this city, was awarded contract at \$2,236,000. The Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., will furnish equipment.

Columbus, Mississippi, and Seven Counties in a Dairying Empire.

By CRADDOCK GOINS, Jackson, Miss.

Up in the highlands of a gently rolling country, a black blanket of prairie lime soil takes form about 65 miles below the southern Tennessee border, engulfs Lee county and then widens out to take in six other counties in Mississippi and to extend into two counties in Alabama. In that territory, 300 to 500 feet above sea level-with broken and rolling areas showing generous outbursts of soft, erosive limestone, watered by rivers, creeks, lakes, deep wells, artesian wells and normal rainfall, its warm lands covered with green pastures and acre after acre of legumes and various food and feed cropsmany observers believe there is a land of dairying destiny, an empire of almost limitless resources and opportunities.

It is the prairie lime belt of northeastern Mississippi and western Alabama, in Mississippi extending along the eastern slope of the Pontotoc Ridge, which forms the backbone of the State and divides the Tombigbee and Mississippi River basins—by air line 65 miles from Tennessee, 194 miles from the Gulf of Mexico and 133 miles from the Mississippi River; high, dry and remote from the overflow area. Throughout this belt there is

under way a spirited course of dairying development that has won for the territory the title "Dairyland of Dixie." Toward the western side of the prairie belt, in the county

of Oktibbeha, is the city of Starkville, home of the Mississippi

Nearly a half-century ago Columbus, Miss., led the entire country in the establishment of a college for women having industrial training especially in view. This was the first institution of its kind, so far as we have been able to learn, created by any State in America. Every student taking an academic course was required to select some special line of industrial or business training. Some studied bookkeeping, some stenography and typewriting, some dress-making, some millinery, while others took some other line of training, but each student after she graduated from the institution was in a position to earn a living by some line of industrial work for which she had fitted herself.

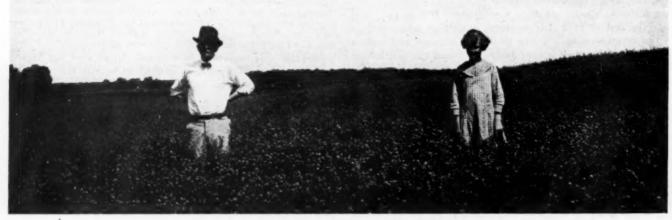
Some of the leading men of Mississippi who were far-seeing enough in the early Eighties to bring about the establishment of this institution, in order to encourage the poorer girls to enter the school sent their own daughters although abundantly able to educate them in other colleges. This institution has become an outstanding seat of learning for the women of Mississippi, with 1500 students. The spirit which created the college is typical of the spirit that prior to the Civil War caused Mississippi to give many great leaders to national affairs and which since then despite all the trials and hardships through which Mississippi has passed, largely by reason of bad politics, is bringing new life and prosperity to the State.

The story of Columbus and the surrounding country—of the educational life, the remarkable development of the dairying industry, cheese making, and many other activities bringing increased prosperity to the farmers and business men alike—is a story of thrilling interest, which can be studied to advantage by the people of every other city in the Union.—Editor Manufacturers Record.

State A. & M. College, Dairying development has been promoted in and around Starkville since before the days of 1860, and today there is centered around that city a great dairying movement that pays out to farmers about \$150,000 a month; yet, it is still in its infancy. No attempt is to be made here to discuss in detail the many prosperous cities and communities of this extraordinary territory - Houston, with vast agricultural resources, in Chickasaw county: Tupelo, for 75 years a progressive community, now building up a great agricultural prosperity, in Lee county; Aberdeen, with wonderful dairying possibilities and hopes for oil development, in Monroe county; Amory, the center of the State's oil and gas development, in Monroe county; West Point, in Clay county, and Macon, in Noxubee-all thriving, up-to-date cities, steadily growing in agricultural and industrial wealth. No attempt will be made to cover the counties of Alabama into which this blanket of marvelous soil extends: but to find a common center for this expanse, taking in the Alabama counties of the Belt, one may stop at, or very near, Columbus, in Lowndes county,

Miss., the hub of a great agricultural trading territory in a radius of 50 miles, covering seven counties of a land of soil magic.

Columbus, a city of about 15,000 inhabitants, flanked by



HEAVY STAND OF ALFALFA IN LOWNDES COUNTY.



A HERD OF JERSEYS NEAR COLUMBUS.

the Tombigbee and Luxapalila Rivers, is a community with a moral, religious, educational and development culture that dates far back in the history of American advancement. It was the site of the first college for the education of women exclusively ever established and supported by any State, and has had artificial gas for decades. There was a public school at Columbus, the first in the State, just a few years after the the close of the War of 1812. Commerce was riding the bosom of the Tombigbee River before the days of Jefferson Davis. Yet, it was not until 25 years ago that Columbus threw off the apathy brought about by the period of recon-

with the growth of the agricultural resources of the seven counties that make up its famous 50-mile trading radius, it has a trading-territory population of 150,000, with rail facilities of the best. Besides its location on the Frisco the city is on the Mobile & Ohio, the Southern Railway System and the Columbus & Greenville Railroad. This latter system is owned and operated wholly by Mississippi men and Mississippi capital, and among its officials are such leaders in development as Alf Stone of Dunleith and A. T. Stovall, Columbus, president of the system.

The railroads have been important factors in the growth



RESIDENCE SECTION OF MAIN STREET, COLUMBUS.

struction following the war, and it was not until about 15 years ago that it began properly to appreciate the marvelous soil that now is the background for the growth of the city.

Columbus is located on a great extension of the Frisco Line, 167 miles from Memphis, the new line extending from Aberdeen, Miss., to Kimbrough, Ala., a distance of 151 miles, and Columbus will be the largest station on this line between Memphis and Pensacola. Fifteen years ago the population of Columbus was about 7500; this has been doubled, and of this section, actively participating in developing industry and farming and providing considerable industry themselves; the railroad shops employ 350 men. There are 25 manufacturing plants, employing 1400 men, with a total annual payroll of \$1,356,000. One of these factories, the Columbus Brick Co., manufactures 125,000 bricks a day. The Columbus Marble Works is one of the largest industries of its kind in the South, shipping to many States marble for monuments and building enterprises. The Columbus Gravel Co. and the

New Hope Gravel Co. together ship 12,000 cars of gravel a year for building good roads in the South. T. G. Owen & Son, florists and nurserymen, with 80 employes, send Southern shoots and bulbs to every State. The city is "hooked up" to power from Muscle Shoals through the Mississippl Power Company. Although primarily an agricultural community, Columbus industries range from lumber plants, cabinet making, veneer manufacturing, to the manufacture of ice cream. The Columbus Ice Cream & Creamery Company, operated by D. S. Cox, was the first plant in the State to offer pasteurized market milk.

The industrial growth of this awakening city is just in its infancy, a point particularly emphasized by the rapid growth of dairying in this territory, a growth that already has resulted in the establishing at Columbus of a modern creamery, a milk distributing plant, an ice cream factory and a large cheese factory, the latter to be the largest in the South and one of the largest of any State. This plant, now being erected by the Barber Cheese Company, is expected by many to be headquarters of a large chain of plants to be erected by this company in Mississippi, Alabama. Arkansas, Louisiana and neighboring States. The Columbus plant follows con-

four of which have assets of approximately \$6,250,000 and deposits aggregating more than \$5,000,000. Also, Henry M. Pratt, president of the Chamber of Commerce, points out that scarcely a farmer in Lowndes county lives more than two miles from a good gravel highway. Columbus is located on two trunk-line highways, the Mississippi Valley Highway from Chicago to the Gulf, and the Jackson Highway from Chicago to New Orleans. There are more than 200 miles of improved graveled roads in Lowndes county.

A splendid school system has been in operation in Columbus for more than 100 years, and the city now has a modern high school, a junior high school, two grammar schools and two schools for negroes. The school population is 4000. The Mississippi State College for Women, established in 1884, the first institution of its particular kind to be established in the United States, now gives education to 1500 young women. It covers 16 city blocks and represents an investment over \$2,500,000, and there is under construction at this writing a beautiful auditorium to cost approximately \$200,000, and other construction to the amount of about \$750,000. There are 125 instructors.

The lumber industry for many years has furnished a large



S. D. LEE HIGH SCHOOL-GEN. STEPHEN D. LEE'S HOME, AT LEFT, NOW A PART OF THE SCHOOL.

struction by this company of an up-to-date plant at Billups, 12 miles from the city. L. T. Wells, manager of the Barber company's Southern interests, with headquarters at Columbus, states that the Billups plant, now in production, with a capacity of handling 20,000 pounds of milk a day, equivalent to 2000 pounds of cheese, from the day of its opening began with a flood of milk that clearly showed the Columbus territory as a veritable well of dairy prosperity. The Columbus plant has a capacity of 50,000 pounds of milk a day, or 5000 pounds of cheese, and is so situated that the company owns property suited to greatly expanding production. It is conservatively estimated that these plants, together with those dairy products factories already established, will yield to the producers of the Columbus agricultural territory a revenue of \$600,000 a year, a real fortune to be spent with merchants and deposited in banks of Columbus.

Opportunities for growth and development in Columbus and adjacent territory are particularly emphasized by the banks,

share of the city's industrial revenue, together with cotton oil mills, cotton compresses, etc., the city having, in a radius of 30 miles, more than 200,000,000 feet of hardwood timber available for furniture manufacturing and for other purposes. This raw material will come into use in time.

The extraordinary soil that blankets the seven counties of the northeast Mississippi black lime prairie belt has for generations attracted the attention of agricultural chemists, but in late years people have begun really to understand its marvelous suitability for growing clovers, legumes, nutritious grasses, various food and feed crops essential to a great dairying and diversification empire. Alfalfa of fine quality has been grown for several years and the prairie belt farmer often secures three, four, five and even, sometimes, six cuttings a season. Wonderful pasture lands of white clover, red clover, hope clover, alsike clover, medic clover, Dallas grass, Bermuda, blue grass, carpet grass, wild barley, red top and other valuable plants, in late years have begun coining more



MAIN DORMITORY OF MISSISSIPPI STATE COLLEGE FOR WOMEN.

money for farmers of the belt than they ever before dreamed possible, and while that area now is fairly surrounded and dotted with new condenseries, cheese factories, etc., each with hundreds of farmers on its payrolls, the industry is barely beyond infancy.

It has been pointed out that Starkville possibly was the cradle of Southern dairying; now, that belt well may be called the hub of Southern dairying. With condenseries at Tupelo on the north, Starkville on the west and Macon on the south of the belt, and with Aberdeen and West Point and Ackerman making spirited bids for condenseries at points in between, and with cheese factories going up or planned at various other points in and around the belt, 1928 sees the beginning of a movement that seems destined to sweep the whole area in intensive dairying development. The Borden Condensery Company, after successful operation of a \$750,000 condensery established at Starkville in 1926, announces plans to construct a still larger condensery at Macon. The Carnation Milk Products Company, Oconomowoc, Wis., feels very much satisfied with its \$500,000 condensery established at Tupelo in 1927, and the Barber interests are highly enthused by the outlook for their cheese interests in the belt. The Pet Milk condensery is looking to completion of its condensery at Kosciusko, on the outskirts of the belt, and the Kraft Cheese manufacturers are highly pleased with their recent investments at Louisville and other points on the outer fringe.

This prairie lime soil appears to have every property essential to a great livestock industry, and many properties peculiar to the belt. Lime, for instance, is an important factor contributing to cows with big bones, and students of nutrition

recall the particular food value of lime in milk, making for the building of bones and teeth in children. This limestone varies from 100 to 800 feet in thickness and in some areas is overlaid with varied types of soils. The soil of the black prairie land is from 10 to 40 feet deep, with the limes of the whole belt containing an abundance of phosphorus and potash. The high productivity of the soil is such that the State maintains a crushing plant for removing some of this limestone and selling to farmers on land lacking in lime. The belt has a cow population of approximately 160,000, and bankers are showing a generous spirit in backing farmers wishing conservatively to enter dairying. A fair idea of the growing importance of the cow industry is the case of Artesia, Miss., with a cow population of 300, which is greater than its human population.

One of the first thoughts in connection with the coming in



ANOTHER DORMITORY BUILDING OF THE COLLEGE FOR WOMEN.

of this great flood of dairying capital to the prairie belt is: Why let the large dairy manufacturers of other sections come here to make this money? Why not do it ourselves? The answer is that these large dairy products manufacturers of other sections for many years have made it their particular business to study the economics of dairying and dairy manufacturing and when they make their investments in the prairie belt, one is sure those investments are the result of the greatest expert judgment. They pay out many thousands of dollars annually to hundreds of farmers in the belt who

stay on the payroll all the year around, thus winning independence from cotton and other uncertain markets. An inspiring sight it is to see the horde of farmers of Oktibbeha gather at Starkville to receive their monthly checks for milk from the condensery and the co-operative creamery—say, from \$30 to \$300—and then go to the stores to make cash purchases and to the banks to make cash deposits. Also, there are many herds of the best strains of purebred milch cows and sires in the prairie belt, and there is particular interest in more purebred sires, with the bankers alert to



COLUMBUS NATIONAL BANK.

their opportunity to help build up the prosperity of the section by building up the strains of the native herds.

Dairying is not all; the lime belt produces and sells many beef cattle, hogs, sheep and other animals yielding good profits. Statistics over a period of five years indicate the average annual revenues from poultry products to be \$1,316,-630, and showing a steady increase.

While northeast Mississippi, long regarded as the hub of the State's dairying industry, saw its beginnings take form before the sixties, it is generally understood that it was not until the boll weevil swept across the Rio Grande and upward and eastward, wreaking havoc on the cotton crop, that there was any serious effort to promote dairying. A vital force in this crusade and one of the pioneers was the Illinois Central Railroad. That company co-operated with the A. & M. Col-

lege, which established the first creamery at Starkville, and then proceeded in 1914 with a widespread program of co-operation, hiring buttermakers, paying their salaries and putting them in control of creamery plants at points where proper equipment was furnished by the local citizens, and where farmers would show any reasonable interest in the undertaking. The railroad bought purebred dairy sires, lent them to farmers and showed such spirit that widespread interest was aroused in dairying.

Northeast Mississippi took the lead in driving out the cattle tick, and its present prosperity is an inspiration to residents of south Mississippi, where in 23 counties the tick still is more or less prevalent, although the entire State has been aroused by an educational campaign directed by the Mississippi State Board of Development through the general manager of the organization, who has persevered in this fight in the face of great odds, with many members of his organization even opposed to his aggressive efforts in this direction. Campaigns against the tick, however, were conducted several years prior to that, notably by the Illinois Central Railroad. Other railroads operating in the State have shown every earnest wish to promote the resources of the section, and they find a particularly responsive field in the prairie belt. The Gulf, Mobile and Northern Railroad is promoting cheese factories and poultry projects at various points with G. M. White pushing this work vigorously. The Mobile and Ohio and other lines are active in this work.

Any discussion of the prairie belt of Mississippi and its cities would fail to explain the situation unless it pointed out the development of that section is coming about through co-operation, through a wonderful inter-city spirit of teamwork.

"The prairie belt is developing rapidly not only because of marvelous natural resources, but because those cities have torn down the Chinese walls of inter-city jealousies and petty grudges," summarized L. O. Crosby, president of the Mississippi State Board of Development, on reviewing a report from a member of his staff. "This section is a wonderful inspiration to every part of the State; it drove out the tick 15 years ago, and today when you consider the sections of our State growing through dairy prosperity and those that haven't any great dairying development, you can only say one drove out the tick and took advantage of its opportunities and the other didn't. That's all."

The spirit of the belt is largely illustrated in the activities of the Columbus Chamber of Commerce, which holds weekly meetings for discussing community developments, with lively discussions, not only of local affairs, but also affairs of neighboring cities and counties, and ever being ready to join hands for the general good of the seven counties, or the State as a whole. The Chamber has as its secretary R. E. Johnston, and it is interesting to note how very largely the life of the community centers around this man and the Chamber of Commerce.

Cotton reduction is an important thought. It is to be



POULTRY RAISING THRIVES IN THE VICINITY OF COLUMBUS.

observed that reduced acreage has been practiced in the belt many years. Last year, Lowndes county grew, on smaller acreage, more cotton than it grew the preceding year. "Intensive cultivation and generous use of nitrate of soda," it was explained. Thirteen counties in Mississippi grew more cotton in 1927 than in the preceding year. Three counties in the prairie belt increased the per acre yield greater than did any other counties in the State. It is argued that there is no need of following the old idea of turning the best of the land to cotton and the poorest to pastures; tests show that the pastureland can be the most profitable of all, and with good land devoted to pastures, with intensive effort to develop pastures for service nine months in the year, poorer land, with nitrate of soda applications on less fertile land will yield better acreage than achieved in the past on better land. Two methods are recommended by the State A. & M. College at Starkville-one, to mix the nitrate of soda with super phosphate and potash and only a week before planting; the other, for side applications-that is, additional applications about the time the cotton is first chopped, not later than the time the first squares open.

Columbus has no particular catch-name that I know of. I'm going to suggest one: "Queen City of the Prairie Lime Belt." This does not reflect upon the other cities; there is glory sufficient for all. Truly, it is a black land of golden maric.

Space does not permit a review of vast deposits of minerals in these counties brought to light in the last few years by Dr. Henry Mace Payne, consulting engineer for the American Mining Congress, in co-operation with the Mississippi State Board of Development. These products include bentonite, bauxite, chalk, clays, coal and other minerals.

Southern Dairies Buys 11 Plants.

Announcement is made of the acquisition by Southern Dairies, Inc., with headquarters at Washington, D. C., of the assets and properties of 11 ice cream manufacturing companies in the South, as follows: George K. Brown Company, Chattanooga, Tenn.; Nicodemus Ice Cream Company, Frederick, Md.; Selby Ice Cream Company, Statesville, N. C.; Honey Boy Ice Cream Company, Gastonia, N. C.; Winikron Ice Cream Company, Elizabeth City, N. C.; Salisbury Ice Cream Company, Salisbury, N. C.; Chester Ice Cream Company, Chester and Lancaster, S. C.; Palmetto Ice Cream Company, Florence, S. C.; Purity Ice Cream Company, Selma, Ala.; Racy Ice Cream Company, Knoxville, Tenn., and a company at Mobile, Ala.

Important Meeting of Lumber Manufacturers.

A series of meetings of lumber manufacturers will be held in Chicago at the Congress Hotel, April 30 to May 2, in connection with the twenty-sixth annual meeting of the National Lumber Manufacturers Association. Problems of vital importance to the industry, including trade extension, the adoption in practice of national trade-marking, taxation, transportation, waste prevention, standardization and insurance, are on the agenda for the three-day conference.

\$6,000,000 Gas Line to Serve El Paso.

El Paso, Tex.—The construction of a \$6,000,000 gas line from the Winkler field to El Paso has been projected by C. A. McKenna and associates of San Francisco, and Albert Woods and Judge C. J. Quin of San Antonio. These interests have filed application with the city council of El Paso for a 30-year franchise to supply the city with natural gas and it is understood that construction will begin when franchise has been obtained and consumption contracts made.

\$4,000,000 SOAP FACTORY TO BE ERECTED IN BALTIMORE.

Procter & Gamble Acquire Site and Plan to Start Work at Once—Second Big Soap Plant for City.

Procter & Gamble Company, Cincinnati, Ohio, will erect in Baltimore one of the country's largest soap manufacturing plants, according to plans made public last week by officials of the company and H. Findlay French, director of the Industrial Bureau of the Baltimore Association of Commerce. Construction of the plant, which is estimated to cost from \$3,000,000 to \$4,000,000, will begin promptly, a waterfront site of eight acres having been acquired on the north side of Locust Point near the big plant of the American Sugar Refining Company. All of the company's different brands of soap will be manufactured at the Baltimore plant, which will give employment to about 500 persons.

The company has plants at Ivorydale, Ohio; Kansas City, Kan.; Macon, Ga.; Dallas, Tex.; Port Ivory, N. Y., and Hamilton, Ont. Through a subsidiary the company controls 12 cottonseed oil plants throughout the South.

The Gold Dust Corporation, associated with the N. K. Fairbank Company, manufacturers of soaps and soap powders, several years ago placed in operation at Baltimore a plant estimated to have cost \$2,000,000.

Fabricated Structural Steel Orders.

New orders of fabricated structural steel in March as reported to the Department of Commerce by the principal manufacturers, were 69 per cent of capacity, based on total orders of 202,251 tons reported by fabricators with a capacity of 303,750 tons per month, as against February orders of 71 per cent of capacity and 62 per cent a year ago. Shipments of fabricated structural steel in March represented 63 per cent of the capacity of firms reporting this item as against 63 per cent in February and 59 per cent a year ago.

Plan \$8,000,000 Gas Line to Memphis.

Memphis, Tenn.—Directors of the Memphis Power & Light Company have authorized it to make contracts looking toward the organization of the Memphis Natural Gas Company to build an \$8,000,000 pipe line from the Louisiana fields to Memphis for the distribution of natural gas in this territory. The project will be financed by Chicago, New York and Memphis interests, it is said.

\$800,000 St. Louis Police Building Addition.

St. Louis, Mo.—The Board of Police Commissioners will build an \$800,000 addition to the \$1,000,000 police headquarters unit now under construction at 323 South Twelfth street. It will be three stories, the first floor to be used for the central district garage, the second for a police academy and target range and the third for a gymnasium and recreation facilities.

\$750,000 Railway Building Bids Asked.

Amarillo, Tex.—Bids will be received May 1 by the Panhandle and Santa Fe Railway Company, M. C. Blanchard, chief engineer, Amarillo, for the construction of a \$750,000 office building here, 140 by 90 feet, 14 stories and double basement. E. A. Harrison of the Santa Fe System, St. Louis, is the architect.

The City of Enid, Oklahoma, votes May 19 on a \$500,000 bond issue for improvements.

Bankers Optimistic in Southern Meeting.

Augusta, Ga., April 21-[Special.]-Interest and importance marking the meeting of the executive council of the American Bankers Association here this week were strengthened by utterances by some of the leading bankers of the country on the business situation and outlook in the United States. In general, the situation was considered sound, and the opinions expressed were optimistic in their nature.

In a resolution on flood control legislation, the convention said that "the disastrous flood that visited the Mississippi Valley in 1927 was by far the most destructive calamity that has visited our country in generations," and added:

"It is the profound conviction of the executive council of the American Bankers Association representing 20,000 American banks that the control of the Mississippi is a national problem, should be solved by the nation promptly, and that the cost should be borne by the Federal Government, since the States affected already have paid out approximately \$265,000,000."

On the line of Federal legislation affecting the banking world, opposition was entered to a bill which would place banks in a class by themselves for taxing purposes, and endorsement was given to a measure designed to make State bank members of the Federal Reserve system eligible as depositories of public moneys under regulations by the Secretary of the Treasury. The system adopted by several States in taxing banks on their incomes, instead of imposing an ad valorem tax on their stock, was pronounced successful, and Congress was urged to continue protection for the banks against unreasonable taxation.

According to George L. Woodward, chairman of the savings bank division, \$26,000,000,000 out of \$48,000,000,000 in individual deposits in the United States are savings deposits, and 85 per cent of the country banks are receiving such deposits. This division is working on plans to promote industrial loans, as well as mortgage loans, on a monthly payment plan, at reasonable rates,

In discussing business conditions, Thomas R. Preston, president of the Hamilton National Bank, Chattanooga, Tenn., and president of the American Bankers Association, said, in

"It seems that business for 1928 will be about like 1927. The country is too large and on too firm a foundation for the presidential election to give the public any particular anxiety. Speculation in stocks, of course, gives concern to all. The continued advance of securities covers a longer period than we ever have had before and the volume of trading has broken all records; but in view of the fact that the wealth of the country has increased so rapidly and securities of cor-porations now are so widely distributed, this is not as serious as it appears, although it is believed that the market will settle down soon to normal pace. Most industries are operating on practically a normal basis and crop prospects, as far can be judged at this time, seem to be reasonably le. Credit conditions continue easy throughout the favorable.

Seasonal characteristics in business were seen by Craig B. Hazlewood of Chicago, first vice-president of the American Bankers Association, who also felt that "with generally satisfactory conditions in the key industries-steel, building and automobiles-with stable prices, sufficient credit for legitimate purposes and a high rate of industrial production, there is nothing to indicate now that business conditions during the balance of the year will differ materially from those during the past few months."

W. S. McLucas, chairman of the board of the Commerce Trust Company, Kansas City, Mo., president of the trust ' company division, said:

"Basic conditions warrant more hopefulness over trade in hasic conditions warrant more noperuiness over trade in the Southwest than in the spring last year. Soil conditions are good. Livestock, with the exception of hogs, is selling satisfactorily at improved prices. Rural trade is relatively better than in cities. A slightly better tone is apparent in oil. Demand for lumber is encouraging, with prices firm. Money is in very liberal supply.'

As W. D. Longyear, treasurer of the American Bankers Association, put it:

"National business already shows signs of recovery from the mild depression existing at the end of 1927, and the present condition of certain fundamental industries holds the promise of further improvement as the year progresses. is hoped that the people will not throw away money, otherwise saved, on the stock market. The present frenzy of speculation, if continued much longer, will surely bring about its own destruction. Fortunately, however, while numbers of individuals will suffer, a slump in the securities markets will apparently have little effect upon other departments of business, provided other conditions remain unchanged."

A suggestion that the American Bankers Association establish a permanent home of its own, preferably in New York city, was made by President Preston in his opening address.

\$350,000 Building Completed at Abilene.

Representing an investment of \$350,000, the 8-story Mims Building at Abilene, Texas, has recently been completed. The structure, owned by George L. Paxton, W. G. Swenson and H. O. Wooten, is 50 by 100 feet, the ground floor and mezzanine being occupied by the Mims Dry Goods Company and the upper floors by offices. The David S. Castle Co. prepared



THE NEW S-STORY BUILDING

plans for the building and the general contract was handled by Robert E. McKee, both of Abilene. The following contracts were awarded:

racts were awarded:

Brick—Acme Brick Company, Fort Worth, Tex.

Glass and copper—Federal Glass and Paint Company, Dallas, Tex.

Granite—Cold Spring Granite Company, Cold Spring, Minn.

Marble—Vermont Marble Company, Dallas.

Milwork—Steves Sash & Door Company, Dallas.

Milwork—Steves Sash & Door Company, San Antonio.

Ornamental and miscellaneous iron—Southern Ornamental Iron

Works, Dallas.

Plastering—Brelin & Walker, San Diego, Cal.

Reinforcing steel—North Texas Iron & Steel Company, Fort

Worth.

Screens—Agee Screen Company, Fort Worth.

Screens—Agee Screen Company, Fort Worth.

Screens—Agee Northwestern Terra Cotta Company, Denver, Col.

Terrazzo—American & Venetian Marble Company, Dallas.

Harry Stillwell Edwards.

By WILLIE SNOW ETHRIDGE.

With small, twinkling eyes, clear and unweary, and a slim, erect body, Harry Stillwell Edwards celebrated his seventy-third birthday on the twenty-third of April. He celebrated it leisurely, as he does all things, basking a bit no doubt in the thought that more than 30,000 copies of his latest work, "The Tenth Generation," had been sold in two months.

It was on February 2 of this year that the Manufacturers Record printed "The Tenth Generation," the story of a rich man who wished to provide for his heir ten generations removed. Several weeks later the story was published in pamphlet form and placed on sale. In March, Fairfax Harrison, president of the Southern Railway, ordered 25,000 copies for distribution.

The idea for "The Tenth Generation" came to Mr. Edwards as he was engaged in one of the favorite pastimes of an idle hour, the chasing down of ancestors. Whenever Mr. Edwards gets wind of a new ancestor he starts the chase, never wearying until he has his game treed and on the proper limb. After successfully running down eight Colonial ancestors of prominence, Mr. Edwards was in the act of dismounting his steed when the disconcerting thought came to him that, perhaps, he had more than eight ancestors in those Colonial days. He began to figure and the disconcerting thought became a startling idea. The figures showed he had 1024 ancestors in 1677, and a few minutes before he had been swelling with pride because he had treed eight. A few minutes later he had begun "The Tenth Generation."

Harry Stillwell Edwards was born in Macon, Ga., in 1855. His father was James Carson Edwards, a poet of distinction before the Civil War, and his mother was Elizabeth Griffing Hunt. They were cousins. His father died at the very beginning of the war, leaving him and seven other children dependent on his mother. After seven years of schooling, Harry went to Washington, D. C., as a clerk in the Treasury Department. He was 15 years old at the time, the youngest clerk in the government.

In Washington he began to read books and to love them. Knowing no one in that city, he spent many hours in the library of the Treasury, in the Congressional Library and in the Y. M. C. A. reading rooms. Beginning with Scott's Ivanhoe he read steadily for three years—fiction, biography, adventure, history, everything. He worked six hours a day and read ten.

After three years in Washington, he returned to Macon and began the study of law at night. He received his degree from Mercer University in 1876, practiced with little success for three years and then drifted into newspaper work. While in Washington he had written one "piece" for publication, the description of the feet of Arthur, Duke of Connaught, which Harry had caught a glimpse of as the famous personage went up some church steps in the Capitol. It had been published in the Macon Telegraph. And while studying and practicing law he had written several articles, two of which, "The Dooly County Safe" and "An Interview With the Soldier on the Monument" have since been republished many times.

So it was natural that failing at law, he should turn to active newspaper writing. From a reporter on the Macon Telegraph he rose to city editor, associate editor and then editor and part owner. Then encouraged by his wife, who was Mary Roxie Lane, and inspired by Thomas Nelson Page, he began the writing of short stories. In 1886, he completed

his first short story, "Elder Brown's Backslide," and sent it to Harpers, believing, as he expressed it that Harpers was "about the best magazine published and should be favored." It was accepted immediately.

Soon he finished a second story, "Two Runaways," and mailed it also to Harpers. This was returned to him with the explanation that it was "too boisterous" for that magazine. He then forwarded it to Century believing that Century was "a crackerjack magazine and ought not to be slighted." The publication of the Two Runaways in Century began a close relationship between the author and the magazine which lasted almost half a century.

Richard Watson Gilder, who was then editor of Century, stated on many occasions that he considered the Two Runaways the best American short story written up to that time. Henry M. Alden contended just as ardently that the story Harpers published a few months later, "Ole Miss and Sweetheart," which Mr. Edwards wrote after the death of his 19 months old daughter, was the best American short story up to that time. The Sweetheart of this story was the little girl Mr. Edwards had lost and the story was so full of pathos that it had been turned down by Century as being "too sad." So both stories, frequently referred to during those years as the best American short stories, were refused by rival magazines.

Mr. Edwards has published over 75 stories in the Atlantic, Scribners, Frank Leslie's, The Saturday Evening Post, The Youth's Companion and various other magazines. Two volumes of his stories, "Two Runaways" and "His Defense" published by Century in the latter part of the last century established him as one of the outstanding short story writers of his generation.

It is in his negro stories that Mr. Edwards has scaled his greatest heights. With a keen insight into the working of the negro mind and a perfect understanding of his manner of speech he has portrayed the Southern darky more truly, perhaps, than any other writer. In 1911, he wrote his best known negro yarn, "Aeneas Africanus." Approximately 500,000 copies of this book have been sold in almost every country in the world. It has had a large sale in England and has been translated into French.

"Sons and Fathers," Mr. Edwards' longest story, was awarded the \$10,000 prize offered by the Chicago Record for the best mystery story received in its nation-wide contest of 1896. Mr. Edwards delayed the writing of his story until there were only 40 days left in which to compete. Then he started to work at fever heat, but lost 17 days in the building of a mill dam. The last installment he wrote in long hand between 11 o'clock at night and 2 o'clock in the morning; folded it with the typewritten manuscript without even rereading it, and rushed to the postoffice to mail it on the last train that would put it in Chicago before the contest closed. Six months later he was awarded the first prize over 916 other competitors, the judges commenting at the time that it was the "best story but the damdest manuscript" received. Later he wrote his second novel, "The Marbeau Cousins" which is generally considered a much more finished piece of work than "Sons and Fathers."

For the past few years, Mr. Edwards has given much time to lecturing and to the writing of a newspaper column What Comes Down My Creek five days a week for the Atlanta Journal. He spends most of his days between his plantation, Holly Bluff, near Macon, and his newly adopted home Louisville, Ga., the setting of his beloved Aeneas.

INCREASED INDUSTRIAL ACTIVITY IN THE SOUTH.

Over 20,000 Construction News Items Published in First Three Months of This Year.

Industrial, building and general development activities in the 16 Southern States in the first three months of 1928 show a total of 20,841 items published in the Daily Bulletin and in the construction columns of the Manufacturers Record, compared with 19,952, the total for the corresponding months of the preceding year. Thus is definitely indicated a continuation of progress and expansion in the South.

The notices include 9749 industrial development items, compared with 8604 items on similar enterprises reported in the first quarter of last year. A total of 5652 building items was published, compared with 5640 notices for similar work in the corresponding period of 1927. Financial items number 1566, compared with 1424 for the first three months of 1927.

The accompanying summary giving the totals of the various classes of work in January, February and March, as well as the total for the quarter, emphasizes the extent of these activities, telling of the expansion of the South in many and varied lines of endeavor.

The brief reports included 2450 items on road and street projects, compared with 2127 such items for the first three months last year. Bridge, culvert and viaduct items numbered 937, compared with 775 notices in the same period of 1927. A total of 3064 items was published covering these two closely allied classes of construction up to April 1. Next in numerical importance to road and bridge work are miscellaneous enterprises, including new incorporations in wide variety, small industrial projects, etc., represented by 1701 items. This compares with 1541 items in the first quarter of last year. Dwelling construction shows 1513 items, placing this classification third. In the first three months of 1927 1596 items of this character were published. The high total of dwelling items is a favorable sign, as this class of construction has played a large part in the South's expansion program since the general forward movement began in 1921. The total is more significant when it is remembered that only individual projects involving the expenditure of \$10,000 and up are reported. Space limitations preclude the publication of information on dwellings costing less than that amount.

School building construction is represented by 848 items, hotel and apartment construction by 737, church building by 526 and the construction of stores by 573 items. Land development projects number 717 and public garages and filling stations 552

Municipal improvements are keeping pace with the expansion in industry and business as shown by the publication of items as follows: Sewer construction, 396; water works

improvements, 467; city and county building projects, 279; government and state building projects, 116.

Particular encouragement as to future activity is to be drawn from the publication of so large a number of items in March, the total being 8228, or an average of more than 1640 items weekly.

TOTALS FOR JANUARY, FEBRUARY AND MARCH.

	Jan.	Feb.	March	Jan. t March Incl.
INDUSTRIAL DEVELOPMENTS				-
Airplane Plants, Stations, etc	34	57	52	143
Bridges, Culverts, Viaducts Canning Plants	. 221	346	370	937
Clayworking Plants	. 8	9	18 12	35 30
Coal Mines and Coke Ovens	. 13	14	12	39
Concrete and Cement Plants	. 5	8	10	23
Cotton Compresses and Gins	. 11	22	43	76
Cottonseed Oil	. 4	26 26	3	9 74
Electric Light and Power	. 24	130	24 141	388
Fertilizer Plants	2	2	5	9
Flour, Feed and Meal Mills	. 13	9	12	. 34
Foundry and Machine Plants	. 14	15	25	54
Gas and Oil Developments	134	143 49	194 68	471 160
Iron and Steel Plants	7	8	7	22
Land Developments	269	237	211	717
Lumber Enterprises	. 36	39	47	122
Metal Working Plants	. 5	2	7	14
Mining Miscellaneous Construction	19 34	21 41	25 59	134
		596	523	1,701
Motor Bus Lines and Terminals	23	24	35	82
Motor Cars, Garages, Filling Stations	162	179	212	553
Miscellaneous Enterprises Motor Bus Lines and Terminals Motor Cars, Garages, Filling Stations Railway and Street Railways Railway Shops and Terminals	. 3	5	28	36
Road and Street Construction	689	756 8	1,005	2,450
Sewer Construction	90	118	188	396
Shipbuilding Plants			1	1
Telephone Systems	33	32	34	99
Textile Mills	70	108	117	295
Woodworking Plants	130 26	150 30	187	467
		-	35	91
	2,837	3,193	3,719	9,749
BUILDING				
Association and Fraternal	42	51	47	140
Bank and Office	83	78	93	254
City and County	151 90	174 93	201 96	526 279
Dwellings	353	452	708	1,513
Government and State	30	37	49	116
Hospitals, Sanitariums, etc	59	78	76	213
Hotels	154 57	212 67	371	737
Miscellaneous Railway Stations, Sheds, etc	10	11	71 15	195 36
Schools	241	241	366	848
Stores	174	181	220	575
Theaters	28	41	34	103
Warehouses	32	28	57	117
	1,504	1,744	2,404	5,652
FINANCIAL				
Bond Issues Proposed	271	289	427	987
Bond Issues Sold	94	89	111	294
Building and Loan Associations	10	12	10	32
New Financial Corporations	95	75	83	253
	470	465	631	1,566
Want Section	949	1,025	1,291	3,265
Total	5,760	6,427	8,045	20,232
Fire Damage	250	176	183	609
	3.010	6,603	8.228	20,841

Two Southwestern Utilities Mergers Announced.

Plans have been completed for the merger of 15 companies with pipe line systems serving 32 communities in Oklahoma, Texas and Louisiana, according to a recent report. The consolidated company will be known as the Southwest Gas Utilities Corporation and will own or control 50,000 acres of gas lands said to have an open flow of 750,000,000 cubic feet per day and 1000 miles of pipe lines. It will control the Southwest Gas Company of Houston; Northwest Louisiana Gas Company, Inc., of Shreveport, and others. Public financing will be handled by Edmund Seymour & Company, Inc., of New York.

Another proposed consolidation involves gas manufacturing and distributing systems in El Paso, Galveston, Waco, Paris and Brenham, Tex., and Council Bluffs, Ia. H. G. Scott, former president of the Columbia Gas & Electric Company of Charleston, W. Va., and associates have organized the Union Utilities, Inc., which will operate through subsidiaries, including the Texas Cities Gas Company, Galveston Gas Service Company and the Council Bluffs Gas Company. Properties are said to include six artificial gas manufacturing plants, fourteen gas holders and 480 miles of city mains. Financing for this project will be handled by P. W. Chapman & Company, Inc., of New York.

January shipments of floor and wall tile, as reported to the Department of Commerce by 36 concerns making nearly 80 per cent of the total volume of floor and wall tile produced in 1925, totaled 4,663,187 square feet, as compared with 4,511,-513 in December and 5,514,485 in January, 1927.

Latin American Trade Featured at Great Convention.

[Special Correspondence Manufacturers Record.]

Houston, Tex., April 24.

Again the guests of a Southern city, and the prospective guests of another Southern city next year, approximately 1500 delegates are present here for the fifteenth annual convention of the National Foreign Trade Council, tomorrow and Thursday and Friday. In 1926, the convention met at Charleston, S. C.; in 1929 it will meet at Baltimore, and, while in 1930 it will meet on the Pacific Coast, it is not improbable that the South will be the host in the year thereafter.

In realization of the tremendous field for United States trade that Mexico and Central and South America—the Latin Americas—offer, Chairman James A. Farrell of the Council, president of the United States Steel Corporation, selected Latin American trade as the subject for this convention. In view of the proximity of the South to the Latin Americas, by land and by water and by air, the topic is of special importance to this section and the discussions are expected to stimulate the business of Southern manufacturing industries and of Southern ports in large measure. United States trade with the Latin Americas is greater than that of England, France and Germany combined, and Mr. Farrell and his associates are determined to continue this advantage and look to the South to aid materially in this movement.

So it is, too, that a large and influential Latin American delegation is a feature of this session, among them being such business leaders as Manuel Mayo Barrenechea and Jorge S. Aleman of the Confederated Chambers of Commerce of Mexico; Jorge D. Arias, secretary of the Association del Commercio de Panama; President Zettina of the Confederated Chambers of Commerce of Panama; Don Adolfo Prieto of Monterey, Mexico, and delegates from the Confederated Chambers of Commerce of Cuba, Venezuela and other Latin American lands. Don Carlos G. Davila, Ambassador from Chile, and Ambassador Orestes Ferrara from Cuba are among the speakers. Besides these, the list of foreign visitors includes substantial men from China, Belgium, Ireland, the Union of South Africa, England, Spain, Greece, Japan, French Indo-China, Czechoslovakia and other countries.

Prominent among the speakers at the opening, George P. Auld, former accountant general of the Reparation Commission, in "The Prospect In Europe," deprecated suggestions that further reparations concessions be made to Germany and also cited the attainment by the United States of financial supremacy in all the world. In part, Mr. Auld said:

"Except in the case of England, the period of large instalment payments has not yet arrived and the question of their direct economic effects is still one of the future. The settlements have, however, a large present significance in the influence which they exert on the reparation question. Simplifications of the machinery of the Dawes plan are now being suggested, having as desirable features the definite fixation of the German liability and the commercialization of the debt through the sale of reparation bonds to the world investing public for the benefit of the allies. But, these suggestions are invariably linked with a proposal that Germany's obligation be fixed at a figure considerably lower than the estimated value of the present annuities, and a serious stumbling block immediately appears in the debts owed by the allies to this country. So long as those obligations in their present magnitude hang over the allies, it does not seem likely that we shall see any important revision of the plan involving further concessions to Germany.

"Nor, in my view, is further concession by the allies necessary, either equitably or from an economic standpoint. The burdens resting on the allies are no less than those on Ger-

many; and the idea that the reparation debt, or the interally debts, must be reduced because of difficulties to be encountered in transferring payments across frontiers is without substantiation. * * * Public opinion is reasonably clear, and properly so, that the burden placed on Germany by the Dawes plan is an equitable one, that it is not based on the idea of revenge and that it has no reference to the tangled question of responsibility for the war. The burden is laid in the interest of a fair distribution of the war losses among all the nations of Europe, no one of which could undertake to carry a disproportionate load without involving all of them in the common danger of collapse. The French are pinning their hopes of rehabilitation to the Dawes plan; and the Germans, under the intelligent leadership of men like Marx, Stresemann and Luther, are able to recognize the benefits of political stability and economic reconstruction which the plan confers on Germany itself."

First taking the ground that world commodity consumption is considerably less than world industrial supply, E. P. Thomas, president of the United States Steel Products Company, in an address on "The Foreign Trade Outlook," voiced the following warning to American manufacturers to be careful in their invasion of foreign trade territory which their European competitors may covet:

"So long as world consumption (even though expanding at a substantial rate annually) is considerably less than world supply, and there is imperative need for all countries—particularly the debtor countries of Europe—to export largely in excess of their imports, the continued increase of American exports will be resisted to the uttermost by our European competitors, and particularly by concessions in prices and extended terms of payment.

"It would seem, therefore, that every American manufacturer, in planning his campaign for overseas trade, should carefully consider the ultimate effect on the values of his products which excessive invasion of the natural markets of his foreign competitors would entail, and to measure this against the manifest advantage of maintaining and extending his export trade, even at a relative book loss as compared with the returns from his domestic trade."

Besides the many addresses and discussions on the program, and various group meetings, the session is featured by the foreign trade advisory and information service which always is of tremendous importance at these conventions.

Chairman Farrell will speak at the close of the convention on Friday, when the declaration of policies of the Council, which never adopts resolutions, will be formulated and announced.

Growth of Birmingham Shown.

How Birmingham, Ala., has grown in population, business, industry and improvements and on other lines is clearly and compactly set forth in an attractive circular issued by the Birmingham Chamber of Commerce, which emphasizes in a concise summary that co-operation has been the foundation on which success has been built. In population, the city is shown to have increased from 38,415 to 252,548 from 1900 to 1926; the value of building permits has grown from \$1,190,000 to \$22,263,000; manufacturing industries, from 283 to 696; number of employes, from 18,850 to 117,287; assessed valuation, 60 per cent basis, from \$14,727,700 to \$193,004,500, and bank clearings, from \$43,980,000 to \$1,337,643,000. Many other proofs of great growth also are presented.

Miami Sells \$2,000,000 Refunding Bonds.

Miami, Fla.—The city commission has sold \$2,000,000 434 per cent refunding bonds to Stranahan, Harris & Oatis, Inc., of Toledo, Ohio, and the Brown-Crummer Investment Company of Wichita, Kan., on a joint bid of par with accrued interest. The bonds are payable in two to ten years.

\$37,350,000 FOR PUBLIC IMPROVEMENTS IN AND NEAR DALLAS.

City and County to Be Made Compact Unit Through Comprehensive Plan of Development—Providing Big Industrial Area.

Dallas, Tex.-Dallas and Dallas county voters have assumed an obligation of \$37,350,000 to be expended over a period of nine years, representing the \$23,900,000 voted last December under the Ulrickson plan, and the recently voted bond issues of \$6,950,000 for highways and \$6,500,000 for straightening the Trinity river bed and the construction of levees so that an area of 11,500 acres may be made available for industrial sites. The Ulrickson program for city improvements is being widened in scope to include the county, designed ultimately to weld the area into a compact unit. This city, through the comprehensive road scheme, will become a hub for State and national highways. The Trinity River now separates the city proper and its business and industrial sections from a large residential section with a population of 100,000. By correlating the construction of levees and highways the two parts of the city will be brought into much closer connection.

A fund of \$500,000, subscribed by popular subscription, will be spent over a period of three years in advertising the city's advantages.

Plans for \$10,000,000 Gas Plant in Virginia.

Lowmoor, Va.—The Intercontinent Gas Company of New York has obtained an option on 55 acres of land near Lowmoor, for the establishment of a \$10,000,000 industrial gas plant, according to an announcement credited to M. W. Ditto, an officer of the company. It is understood that the company, through subsidiaries, will supply gas to the Covington and Clifton Forge areas.

\$200,000 Building for William and Mary College.

Williamsburg, Va.—The College of William and Mary has awarded contract to J. W. Davis, Newport News, Va., for a \$200,000, fireproof, academic and biological building, of 3 stories, concrete and brick. R. W. Holmes of Williamsburg, has contract for heating. Plans were prepared by Charles M. Robinson, architect, Richmond.

\$1,000,000 Galveston Hotel Let to Contract.

Galveston, Tex.—W. L. Moody, Jr., has awarded contract to the Bellows-Maclay Company, Dallas, for the \$1,000,000 Buccaneer Hotel here, to be 11 stories and to contain nearly 400 rooms. It will be of Spanish renaissance architecture, of velour texture face brick. Andrew Fraser of Galveston is the architect.

\$500,000 Hotel for Monroe, Louisiana.

Monroe, La.—The Harrison Building Corporation, Inc., is having plans prepared by J. W. Smith & Associates, Monroe, for an 8-story hotel, of reinforced concrete and steel, to contain about 200 rooms. The building is estimated to cost \$500,000.

Flotation of High-Silica Bauxite.

Laboratory flotation tests on high-silica bauxites made by the United States Bureau of Mines at its Southern Experiment Station, Tuscaloosa, Ala., have given results which compare favorably with results of earlier fractionations made by means of heavy solutions. Indications are that the laboratory flotation machine can be depended on to give a good separation between the clay and the bauxite, provided these two constituents have been sufficiently liberated from each other by crushing, and provided that the crushing has not produced an excessive amount of slimes. The principal reagents used consist of sodium sulfide and oleic acid. Recent tests indicate that only a comparatively small amount of these reagents is required for the flotation of the hydrous aluminum oxide minerals.

Socialist Efforts to Control American Education.

The real menace of radicalism in the United States lies not so much in the drive which the Bolshevists are making, pronounced as those inroads have become in recent years, as in the campaign the radicals are waging in American schools and colleges, says the April issue of "What's What," the official organ of the Industrial Defense Association, Inc., of Boston. Statements of a surprising character are made in the article.

"What's What" quotes the Socialists themselves as claiming that they have already placed in the faculties of American colleges a teaching force of 2000 professors, assistant professors and instructors. It is asserted that the radicals further claim they have established Socialistic groups in more than 100 American colleges, under the guise of debating societies, liberal clubs and college forums, and that many thousands of the undergraduate bodies are members of these subversive college organizations.

This departure of Socialism has been widely waged among American institutions of learning for the past 10 years, but it is only recently that the situation has attracted attention. Some years ago, the Intercollegiate Socialist Society, organized by Upton Sinclair and other well known radicals, launched this work among the colleges, but the name "Socialist" gave the movement a black eye and consequently, some five or six years ago, the name of the organization was changed to the League for Industrial Democracy.

The League for Industrial Democracy is closely related to the American Civil Liberties Union, of which Roger N. Baldwin is the director. Associated in the direction of the League for Industrial Democracy are many radicals prominent in the parent organization. The list includes such well-known radicals as the Rev. John Haynes Holmes, James H. Maurer, Norman Thomas, Harry W. Laidler, Justine Wise, George P. West, Helen Phelps Stokes, Rev. Paul Jones, Harry W. L. Dana and Upton Sinclair.

"What's What" makes the point that this campaign among the educated classes is following closely the procedure that was adopted in European countries some years ago. The article says:

"The leadership of radicalism everywhere has always been comprised of the highly educated. That has been true even in Russia, where the revolution and the subsequent creation of the Marxian state known as the Union of Soviet Socialist Republics appeared to have its foundations among the proletariat, the industrial workers of the nation. In reality, this was not true. Socialism, the modern Bolshevism, in Russia is the child of Russian and other European universities. It was conceived and nurtured in those institutions. The poison seeped down from the high places to the low. The Russian revolution was brought about by the plottings of university-educated leaders, and the present leadership of Russia is largely of the same type.

educated leaders, and largely of the same type.

"In Germany, Austria, Hungary, Italy, France and Spain, the same situation holds true. For two generations, the higher educational institutions of those countries have been hotbeds of Socialistic culture, not necessarily the socialism of Karl Marx, but either that or the subversive teachings of Comte, Saint-Simon and other philosophers of similar stripe. In England, socialism made no headway until the rise of the Fabian Society, composed entirely of intellectuals, such as

Sidney and Beatrice Webb, George Bernard Shaw, H. G. Wells and Ramsay MacDonald. The British Labor party, which is socialistic to the core, owes its origin mainly to England's so-called intelligentsia, and not to any spontaneous up-surging of the masses. One of the prime factors in the sensational growth of socialism in England has been the fact that many of the text books used by English schools and colleges were written by socialist-converted educators. Recently, Great Britain went through the throes of a Labor government, under the premiership of Ramsay MacDonald. That concrete instance of England's growth in socialism is distinctly traceable to the socialistic developments in Britain's educational system. In short, in England, as elsewhere, the fountain head of socialism is found among the intellectuals and in the colleges.

"Is it not significant that all over Europe the procedure has been the same? And should it occasion any surprise that the same method is being followed in the United States? That the drive against our educational institutions is part of a gigantic and sinister plot, directed from a common European source, to disrupt our Government is all too apparent to the dispassionate student of the world radical movement."

A series of articles on the same subject, dealing in detail with the extent with which Radicalism has invaded American colleges is announced for succeeding numbers of "What's What."

\$500,000 Blue Bonnet Hotel, San Antonio.

Erected by the A. H. Shafer Estate at a cost of more than \$500,000, the Blue Bonnet Hotel was recently completed at San Antonio. The building, consisting of basement, ground floor and 10 additional floors, has been designed to permit the erection of three additional stories. The ground floor,



SAN ANTONIO'S NEW HOTEL.

about 113 by 103 feet, provides space for a lobby, coffee shop and stores. There are 220 rooms and baths. Paul G. Silber & Co. are the architects; M. L. Diver, engineer, and the Kroeger-Brooks Construction Company, general contractor, all of San Antonio. The hotel was constructed under the supervision of Marshall Morris and will be operated by the Blue Bonnet Hotel Company of Kerrville, Texas.

COUCH INTERESTS ACQUIRE TWO RAILROADS.

\$3,000,000 Improvements Planned for Louisiana & Arkansas and L., R. & N. Lines if I. C. C. Gives Approval.

H. C. Couch, Arkansas and Louisiana utilities head, and associates have purchased outright the Louisiana & Arkansas Railway and the Louisiana Railway & Navigation Company, subject to the approval of the Interstate Commerce Commission. The directors of the new company will include: E. A. Frost, Shreveport; W. J. Buchanan and J. A. Buchanan, Texarkana, Ark.-Tex.; Everett G. Frank, Dean Mathey, Karl H. Behr and Randolph G. Pack, New York; W. C. Ribenack, Little Rock; C. P. Couch, Dallas, and H. C. Couch, Pine Bluff, Ark.

Permission will be sought in the application to the Commerce Commission, it is said, for the necessary financing to care for \$3,000,000 improvements to the properties within the year. Mr. Couch, accompanied by officials of the two lines and by New York bankers and others, last week spent several days inspecting the properties.

The Atchafalaya river bridge of the L., R. & N., which has been under construction for the past three years at an estimated cost of \$2,500,000, has just been completed, resulting in cutting the passenger schedule between New Orleans and Shreveport by one hour and twenty minutes, while more than seven hours will be taken from the former freight schedules. Formerly L., R. & N. trains were ferried from Angola on the Mississippi river to Naples, through Old river, a distance of seven miles. Completion of the bridge eliminates this long and expensive ferry transfer, and the crossing will hereafter be made direct at Angola. The highway section of the bridge will be ready for use in about a month, when a big celebration will be staged.

The new owners plan to improve the property, seek exchange of freight with other railroads and conduct an aggressive campaign for new traffic in the territory served. It is said that New Orleans will benefit greatly from an active development of the properties. Building of the bridge now about completed was initiated by the late William Edenborn, who was president and sole owner of the L., R. & N. The line extends from New Orleans through the heart of the Red River valley, serving Baton Rouge, Alexandria and Shreve-port, thence extending into northern Texas to a point near Dallas.

The Louisiana & Arkansas Railroad, originally a lumber road, was built by the Buchanan interests. It serves southwestern Arkansas and north Louisiana, and has two connections with the L., R. & N., and a line into Vidalia, opposite Natchez. The two roads combined will form a system more than 800 miles long, with New Orleans as its port.

60.000 Horsepower Development Planned.

Charleston, W. Va.—The construction of a concrete dam 128 feet high and the installation of three 20,000-horsepower generators is involved in plans of the Gauley Power Company of this city, for a hydro-electric development on the Gauley River in Fayette and Nicholas counties. Application has been made to the Federal Power Commission, Washington, for authority to construct the project.

Architects for \$400,000 Y. M. C. A. Building.

Beaumont, Tex.—Plans for a \$400,000 Y. M. C. A. building here will be prepared by Tisdale, Stone & Pinson of Nashville, Tenn., and Beaumont. T. N. Whitehurst, Sr., is chairman of the building committee.

Letters From Our Readers

A Municipally Owned Electric Plant.

Lakeland Manufacturing Co.

Lakeland, Fla.

Editor Manufacturers Record:

I wish to take issue on the subject of "Private Ownership of Electric Plants," as outlined in your issue of March 29.

The city of Lakeland has owned its light and water plant for a good many years and it is a very profitable investment from the standpoint of the taxpayers.

While it is true we are paying a greater rate than some of the private ownership corporations charge, our city is a growing one and we have had to keep on increasing our plant. At the same time our light and water department is paying a handsome dividend into the city every month, as well as laying aside interest and sinking fund to redeem the bonds.

I think one of the gravest mistakes the public is making today is to allow these public utilities to monopolize such things as light and water plants in cities. There seems to be a tendency on the part of large companies to go out and buy up these plants, make a heavy investment, get the people tied up and then have to call on the railroad companies or public service corporations for increased rates.

I am happy to say they have not been able to make any impression on the city commissioners of Lakeland or the tax-payers. We know what we are doing and we are going to continue to own our plants.

W. F. SNEED, Pres.

The Agricultural Situation in Texas.

Agricultural and Mechanical College of Texas.

College Station, Texas.

Editor Manufacturers Record:

Agricultural conditions in Texas at this time are, I think, promising. The sheep, goat, and cattle industries are in a flourishing condition. The swine industry is in fairly good condition. We have good prospects for cotton, but all depends on the acreage planted and the season we have.

A few things that I feel would mean most to Texas, as far as agriculture is concerned, are:

The reduction in railroad rates on our bulky agricultural products, such as livestock, grain sorghums, and the like. We produce a great abundance of grain sorghums in West Texas. It costs more to ship them by freight to the eastern part of the State than it does to produce them; that is, on a car of milo maize shipped from Lubbock, Texas, to College Station, Texas, we have to pay more freight than we do for the feed itself. I do not believe this is right.

I believe the tariff rate on a great many of the goods that are used by farmers should be lowered. I do not, of course, favor an absolute cancellation of the tariff, but it will never be possible to place a high tariff on a great many of our agricultural products. It seems, therefore, unfair that we should place an excessive tariff on so many of the goods that farmers have to use.

E. J. KYLE.

Dean, School of Agriculture.

Arkansas Still Keeping Good People at Home.

Little Rock, Arkansas.

Editor Manufacturers Record:

We have read with much interest your article, "Arkansas People Head Great Enterprises in New York."

Your quotations from the New York Sun are correct. The day following the publication of this article the Sun further commented on the subject editorially.

We all take much pride in the splendid achievements of the

considerable number of Little Rock young men who have made good in the New York field. Their loss to Little Rock is keenly felt, yet we can modestly say that while we have loaned quite a number of our splendid young men to New York, we are at the same time retaining our best young men here in Little Rock to participate in the further development of this section.

A Charge That Florida Has Failed to Pay a Just Claim.

Philadelphia, Pa.

Editor Manufacturers Record:

I wish to call your attention to an erroneous statement in your issue of last December in the article entitled "Florida Denies Ever Having Repudiated Any State Bonds."

The statement to which I refer was made by James B. Whitfield in 1904, at which time he was treasurer of the State, and is as follows: "The State of Florida has never repudiated, scaled, readjusted, defaulted or delayed payment of any part of her public debt, either principal or interest." Apparently Mr. Whitfield and the present State treasurer, who submitted the report to the Manufacturers Record, have lost sight of the justly famous Wailes-Beard Indian War Claim.

That claim arose out of an authorized contract between the late Governor George F. Drew and the late Colonel S. I. Wailes in 1878. A condition of said contract was that the late Colonel W. K. Beard of Florida should be associated with Wailes. The contract called for the liquidation of the claim of the State of Florida against the United States Government arising out of the Indian Wars of 1849-1857. The compensation of Wailes and Beard was to be a percentage of the amount recovered. The State of Florida realized over a million dollars on its claim, but has repeatedly refused to compensate Wailes and Beard and has even refused them permission to bring suit for the claim in the State courts. Colonel Wailes, in despair, finally accepted as full settlement of his part of the claim an amount totally inadequate, far below the stipulation in his contract and slightly over what it cost him to work up and present the claim. The estate of Colonel Beard refused to settled on such terms and has as yet received absolutely nothing.

This claim was recognized by every governor and legislature of the State from Drew in 1878 to Jennings about 1900, during whose administration the United States Government made good its indebtedness to Florida. It is this indebtedness which the treasurer of the State of Florida asserts was liquidated in 1902 after the successful efforts of Colonel Wailes and Colonel Beard.

Since said payment the legislature has repeatedly refused to make the necessary appropriation even after the unanimously favorable report of the Judiciary Committee of the State Senate in 1903.

The leading newspapers of the State and such prominent men as Governor Bloxham (who was Secretary of State and witnessed the contract between Governor Drew and Colonel Wailes), George P. Raney (who, as Attorney-General, drafted the contract), Fairbanks, Meyers, Governor Perry, Governor Fleming, Governor Mitchell and many other representative Floridians, urged payment of this obligation.

As a son of the late Colonel W. K. Beard of Florida, I respectfully submit this for your consideration, in answer to Mr. Whitfield and the present state treasurer.

W. K. BEARD, JR.

[Mr. Beard has made a mistake in his opening sentence. The claim about which he writes may, so far as we know, be a just claim, but it is not a bond, and the statement of the officials we quoted said that Florida had never repudiated any of its bonds.—Editor Manufacturers Record.]

IRON, STEEL AND METAL MARKET

Pittsburgh Steel Market.

Pittsburgh, April 23—[Special.]—Steel mill operations are on the whole well maintained at last month's rate, making a very favorable showing, as the regular thing has been for a seasonal decrease in steel production to begin about April 1. In the Chicago district there is even heavier production than in March while elsewhere there are no more than insignificant decreases. All the indications are that the usual seasonal decrease is deferred rather than entirely averted, as current shipments are chiefly on specifications against old contracts, particularly first quarter contracts on which a little extra time was allowed for specifying. Apparently not a great deal of contract business was done for the full second quarter.

Steel production in the year to date makes a new high record for the period, by a small margin, and unless there is quite a decrease in June the half year is likely to make a new record, the best half year having been the first half of 1926, from which the first half of last year showed a decrease of 11% per cent. Competition is keen, for while tonnage is well maintained productive capacity has been increasing somewhat. Mills are running smoothly and efficiently and many departments have been breaking their former records. Production of steel is at fully 90 per cent of assumed capacity, but actual capacity may be somewhat above the estimate. Operation of the various finishing departments does not average even close to 90 per cent as there is always an excess of finishing capacity. Thus while pipe mill operations have increased this month they are at not much above 60 per cent and the wire mills may be at even under 60 per cent. Sheet and tin plate mills are doing about 90 per cent, while standard rail mills are running substantially full, with prospects of continuing the high rate through next month.

Fabricated structural steel lettings reported last week totaled about 35,500 tons, making a fairly large week. The official report for March shows bookings at 69 per cent of the fabricating shop capacity, each of the three months this year having shown a gain over the same month one year or two years previous. The quarter, in point of tonnage, was 9½ per cent over the first quarter of 1927 and 13 per cent over the first quarter of 1926.

Automobile production has been stepped up to a high rate and is not in line for further increase except in the case of Ford, now at about 2000 daily with 4000 expected by June 1 and 5000 by July 1. Steel deliveries to the automobile trade have reached the peak if they have not passed it.

Agricultural implement works continue running at a very high rate with no indication of any material decrease except for the customary slowing down for summer.

Railroad buying continues to be of moderate proportions as to the steel involved. There is only an occasional good sized order for freight cars. Railroad expenditures are fairly heavy but they no longer run large in rolling stock.

Finished steel prices show a little weakening now and then in spots, the general level being well maintained. Numerous advances have been made in asking prices, beginning late in the old year. These advances have not become established as the market, but something has been done, whereby the average of prices being realized on current shipments is slightly higher than that at the close of the old year.

Lake Superior iron ore prices for the 1928 season have been developed by sales to the Ford Motor Company, on the same basis as prevailed in the past three seasons, with Mesabi non-Bessemer at \$4.25 per gross ton, f. o. b. Lake Erie docks. Meanwhile pig iron has declined, since 1925, by about \$3 a ton, and many merchant furnaces have passed out of the competition, only those with the lowest costs surviving.

The Metal Market.

New York, April 23—[Special.]—Activity in the metals has been light but sentiment has been improving. The price situation is also a shade better. Though official prices are virtually the same as a week ago the concessions have been fewer and less sharp. As an illustration, copper had been selling as low as 14½c, delivered to the Connecticut Valley, a week ago but the minimum price as the week closed had been 14.17½c. Again in zinc, the official price has been 5.75c, East St. Louis, for the past ten days, but early last week concessions of 2½ points were made freely. At the close of the week no concessions were obtainable.

The better feeling in the metals is due to evidences of increasing consumption and to the certainty that we are one week nearer the next buying movement. Copper producers have received frequent requests to have shipments made ahead of dates specified in contracts, which is a sure sign that consumption is gaining as it means that consumers are in turn receiving larger orders than they had anticipated.

The tin statistical situation has improved, what with small shipments to this country from the Straits Settlements for the first half of the month. Tin consumers have more confidence and buying is back to normal proportions.

What increases confidence is the fact that all metal prices are holding during the current dull spell. This shows that recent advances were warranted and indicates that on the next buying flurry or wave, as the case may be, prices will work still higher. The comparatively recent price of 14½ c on copper has been proved to the satisfaction of all. In view of the enormous tonnages being produced this added ½c per pound to the selling price means thousands of extra dollars in profits.

The outstanding event of the week in the metals was the annual convention of the American Zinc Institute at St. Louis the first three days of the week. Here it was announced that the proposed Lead Institute might be merged with the Zinc Institute, the latter having existed ten years. It was pointed out that the lead and zinc industries are associated closely, especially since the two metals are frequently found in the same ore. It was said that the zinc institute has expanded as far as possible and the addition of another group of metal interests would inject new life and broaden the scope of the organization.

Sales of zinc ore in the tri-State district week before last were over 20,000 tons, or double the normal. The price was unchanged at \$38 per ton. This large turnover helped zinc sentiment which has been depressed.

Copper statistics for March and first quarter were interpreted favorably in copper circles. Production in March was slightly lower in daily rate than in February. Refined stocks increased slightly, yet no more than normal for this time of year when consumption is usually at its best. The entire quarter sized up very well with the corresponding period of last year; production was less, shipments were greater.

Stocks of lead at the refineries of the United States and Mexico increased sharply during March, standing at 57,063 tons at the end as against 47,598 tons at the beginning. Tin shipments from the Straits to this country during the first half of the month were 2700 tons. American tin deliveries in March promise to be 7500 tons.

Tin has been fluctuating between 51½c to 52½c per pound, with sales of 300 tons daily in this country. A sharp premium has developed for prompt shipment, despite the prevalence of much spot supply. This premium is probably due to the heavy tin consumption at the moment.

Antimony has risen ¼c to 10¼c. Quicksilver has declined to \$123 per flask. Silver is high at around 57½c per ounce.

GOOD ROADS AND STREETS

Record Construction of Roads in 1928 Expected.

Road construction in 1928 will at least equal and probably slightly exceed the highest mark recorded in any preceding year, according to reports received by the Bureau of Public Roads of the Department of Agriculture and made public recently.

The statement by the Bureau follows:

"Improvement of the State and Federal-ald highway systems under the supervision of the highway departments of the several States will go forward during the season now opening with a construction of more than 20,000 miles of surfaced roads and about 8000 miles graded and drained.

"State reports also indicate that at least 240,000 miles of the total of 288,000 in the State highway systems will be maintained this year under the supervision of the State highway departments, a fact which should insure the traveling public a high degree of road service.

"Funds estimated as available for expenditure during the year by the State highway departments are about 25 per cent greater in total amount than similar estimates indicated at the beginning of last season. Although it is not possible so early in the season, to anticipate closely the yield of gasoline and motor vehicle taxes and other sources of revenue it is practically certain that the funds available to all State highway departments for construction and maintenance of roads and bridges will exceed \$750,000,000, and local revenues, expendable by county and local authorities, will swell the highway total to upwards of \$1,300,000,000.

"Details are not available concerning the work to be done by county and local authorities. It is anticipated that the year's work under State supervision will result in the construction of nearly 9000 miles of hard-surfaced pavements, upwards of 12,000 miles of less expensive surfaced roads, and 8000 miles of road adequately graded and drained."

Important Meeting of County Highway Officials.

The standardization of county road-building and maintenance methods designed to save millions of dollars annually will be the main objective of a national conference of county highway officials to be held in Washington, May 12. The occasion is the first yearly meeting of the County Officials Division of the American Road Builders Association.

The meeting will be held following the general sessions of the American Road Builders Association on the preceding day. It will be of special importance in that methods for economically spending some \$600,000,000 annually for county road building and maintenance will be partially determined.

More than \$3,000,000,000 has been expended on the county road systems of the United States during the past five years, it is pointed out, and previous to the organization of the County Officials Division of the American Road Builders Association, no effort had been made to standardize construction methods to produce the maximum of economy.

Thomas J. Wasser of Jersey City, N. J., president of the County Officials Division, will preside. Other officials include: Vice-president, Charles E. Grubb, Wilmington, Del.; vice-president, John Kirkpatrick, Benton, Ark.; vice-president, Edward N. Hines, Detroit; vice-president, Stanley Abel, Taft, Cal.; treasurer, James H. MacDonald, New Haven, Conn.; secretary, Charles M. Upham, Washington.

Extend Time for Beginning Bridge Work.

President Coolidge has approved a bill extending the time one year for beginning construction of the proposed \$10,000, 000 bridge across the Chesapeake Bay from a point near North Point on the western side to a point near Tolchester on the eastern side. The structure has been projected by the Chesapeake Bay Bridge Company of Baltimore, Stuart S. Janney, attorney, and will be about 8 miles long.

Contract for \$700,000 Atlanta Viaducts.

Atlanta, Ga.—City council has awarded contract to the Mac-Dougald Construction Company, Atlanta, for the construction of the Pryor street and Central avenue viaducts, to cost more than \$700,000. Walter F. Schultz of Memphis, Tenn., is the engineer.

Tennessee Sells \$3,500,000 Bonds.

Nashville, Tenn.—Bonds in the amount of \$3,500,000, of which \$500,000 are University of Tennessee bonds and the remainder for the construction of bridges as authorized by the 1927 legislature, have been sold to Eldredge & Company of New York, bidding through the Fourth and First National Bank of Nashville.

\$503,000 Low Bid for Two Virginia Road Projects.

Richmond, Va.—The Roberts Contracting Company, Pulaski, Va., submitted a low bid of \$291,911 for building a road in Henry County, 8.38 miles of rock asphalt, and the Copenhaver Contracting Company, Inc., Charlottesville, Va., a low bid of \$211,303 for 7.319 miles of rock asphalt in Franklin County.

Missouri Contracts Let for 70 Miles Roads—280 Miles to Be Awarded.

Jefferson City, Mo.—The State Highway Commission has awarded contracts for approximately 70 miles of roads, including 12 projects embracing 45.19 miles of grade and drainage, five for 18.63 miles of concrete, one for 3.04 miles of gravel and one for 2.79 miles concrete and gravel. A tentative list of projects, for which contracts will be let within the next three months, calls for a total of more than 280 miles, including 21 projects for 217 miles of surfacing, eight for 62 miles of grading and one for 3.25 miles of grading and surfacing. The commission will also award contracts for a bridge over Pond River in Hopkins and Muhlenberg counties and for a bridge over Obien Creek in Hickman county.

One Motor Vehicle to Every 5.13 Persons.

More than 23,000,000 motor vehicles were registered in 1927, according to the Bureau of Public Roads. The total registration of 23,127,315 vehicles was composed of 20,230,429 passenger vehicles and 2,896,886 motor trucks and road tractors. This registration represents an increase of 1,125,922 vehicles or 5 per cent more than in 1926. Using the population estimate for the middle of last year, there was one motor vehicle for every 5.13 persons.

States with a registration increase of 10 per cent or more are North Carolina, South Carolina, Utah and Arizona. States with a numerical increase of over 50,000 are New York, California, Ohio, Illinois, Texas and New Jersey.

In 1927 there were 6,091,834 motor vehicles registered in the Southern States, an increase of 286,163 compared with 1926. The South now has about as many motor vehicles as were in the entire United States in 1918.

As in other recent years, motor vehicle registration receipts constituted a substantial contribution to funds for road construction. The total receipts from registration fees and licenses amounted to \$301,061,132. These funds were allocated as follows: Collection and administration \$14,876,410; State highways \$189,985,289; local roads \$53,577,893; payments on State and county road bonds \$38,087,598; and for miscellaneous purposes \$4,533,942.

NEW AND IMPROVED EQUIPMENT

Gas Shovel Used at High Elevation.

Reports have been made of an unusual performance of a gas shovel operated by S. M. and S. J. Feeley, Denver, Col., contractors, a 1½-yard heavy duty gas shovel having been operated at an elevation of 12,500 feet, with the mercury at 45 degrees below zero and snow ranging from 5 to 7 feet deep. The contractors were engaged in digging a ditch 14 feet wide on the bottom, with 1½ to 1 slope, and 7 miles long.



THE SHOVEL IN OPERATION.

and the material handled was of granite rock, slightly shot and cast over the lower side of the mountain. The machine was double-shifted for more than 90 days and averaged 770 yards per eight-hour shift in rock.

It is believed that this is the highest elevation and the lowest temperature at which a gasoline shovel has been operated. The machine is an Osgood 1¼-yard heavy duty gasoline type, equipped with Le Roi 4-cylinder motor.

"Mechanical Man" on Pavers.

One of the recent developments on pavers is contributed by the Chain Belt Company, Milwaukee, Wis., in the form of a "mechanical man" on the 1928 Rex Paver. In supplying the automatic high-speed principle to the paver, three cams and three levers—connected to the skip hoist, the water valves and the discharge chute—perform all operations with sureness and accuracy. In a day's run, the Rex operator is relieved of over 2000 manual operations, state the manufacturers, but, if desired, any or all of the present operations can be per-



REX PAVER, WITH "MECHANICAL MAN."

formed independently of the mechanical man. This means that if for any reason the entire mechanism failed, the operator could go ahead without a stop and operate the paver manually. By a simple adjustment of the three mechanical man cams, the automatic timing of all operations can be varied.

The mechanical man regulates and controls the discharging action and discharges full batches of uniformly mixed con-

crete in eight seconds, insuring a fixed amount of concrete equal to the amount which is added in each successive batch. This clears the drum and prevents any accumulation or building up of the concrete in the drum beyond the amount normally carried over and remixed with each succeeding batch.

Obermayer Cement Gun.

The S. Obermayer Company of Chicago has developed the Esso cement gun for the maintenance of furnace linings, boiler settings and similar refractory surfaces. Among the features of the new gun, the manufacturers say, are ability



THE GUN REQUIRES ONLY ONE MAN TO OPERATE.

to build up a refractory wall from ½ inch to 1½ inch, mechanically mix its own cement, operate on air pressures as low as 30 pounds, prevent waste of cement, be operated by one man, and to spray 20 gallons with only one filling. Each gun is fed by a 20-gallon brazed tank, equipped with an adjustable reducing valve suitable for the air pressure with which the gun is to be used. Two interchangeable nozzles, one short nozzle for places easily reached and a long one for more difficult locations, are also standard equipment.

New Type of Air Filter.

A new type of air filter, said to offer extreme flexibility and high air cleaning efficiency, using mats of fine cellulose fibers and built-in sectional cabinets, has been announced by the National Air Filter Company of Chicago. The sectional cabinet units can be built up similar to those of a sectional bookcase, and each cabinet contains four cellulose fiber mats, which were developed for this use by the Kimberly-Clark Company. These are known commercially as "Airmats." The new filter medium is said to show high efficiency in stripping the air passed through it, not only of the most minute particles of solid matter, but also of all particles of oil and oily soot common in smoky city air, much of the filtering quality of the new material being due to its structure, which also has a very high absorptive capacity for liquids.

CONSTRUCTION DEPARTMENT

Additional information is published about all enterprises mentioned in this department as soon as such data can be obtained.

The date at the end of an item indicates issue of the Manufacturers Record in which earlier facts about the same enterprise were published.

DAILY BULLETIN

The Daily Bulletin is published every business day to enable its subscribers to follow up promptly the industrial, commercial, railroad, financial, building and general business development of the South and Southwest. To machinery manufacturers and dealers, contractors, engineers and others who require daily information of every new enterprise organized and details about important additions to enterprises already established, the Daily Bulletin is invaluable. Subscription price, \$30.00 a year.

Airports, Airplane Plants, Etc.

La., New Orleans—Louisiana Airway Inc., capital \$50,000, incorporated; Morr P. Lecompte, 7004 St. Charles St.

Miss., Greenville—Frank A. England, John D. Davis and T. E. White acquired 53 acres 3 miles south of Greenville, Warfield Rd., for airport; construct 2 hangars.

Mo., Carthage—O. L. Carrothers let contract to Atkinson & Burnett for hangars and oil station at municipal airport. Highway 38; galv. iron; 100-ft. circular marker.

N. C., Charlotte—Charlotte Airport, Inc., capital \$150,000, incorporated; Chas. A. Williams, 801 S. Tyron St.

Tex., Houston—Dixie Aircraft Co. incorporated; O. R. Seagraves, Warwick Hotel

Tex., San Saba—Chamber of Commerce Aviation Committee, M. R. Weatherby, Chmn., plans establishing airport.

Bridges, Culverts and Viaducts

Proposed Construction

Ala., Birmingham--See Roads, Streets, Pav-

Ala., Montgomery—State Highway Comn., receives bids May 9 for 670-ft. treated tim-ber, conc. and steel bridges; widen and alter 224 ft. conc. bridge, State Route 31.

Arkansas—State Highway Comn., reported, received low bids for 9 bridges. See Roads, Streets, Paving.

Ark., Newport—State Highway Comn., Little Rock, considering plans for \$500,000 state-owned cone. and steel toll bridge. White River, near Newport.

Fla., Miami — Harrington, Howard & Ashe, Engrs., 1012 Baltimore Ave., Kansas City, Mo., reported, completed plans for 2 bridges over Miami River, S. E. Second and N. W. Seventeenth Ave. 2-23

Fla., Pensacola—Louisville & Nashville R. R. Co., W. H. Courtenay, Ch. Engr., Louisville, Ky., reported, build \$1,000,000 steel and conc. bridge over Pine Barren Creek north of Pensacola.

north of Pensacoia.

Fla., Punta Gorda—State Road Dept.,
Tallahassee, reported, plans 1½ mi. steel and
conc. Tamiami Trail Bridge across Punta
Gorda Bay, \$1,225,000; work to begin in
Oct. 3-5-1927

Oct. 3-5-1927

La., Gretna — Louisiana Highway Comn.,
Baton Rouge, reported, receives bids May 8
for Jefferson Parish section, Seventeenth St.
canal bridge, Shrewsbury-Carrollton Highway; 21½-ft. conc. deck girder span, rein.
conc. abutment, creosoted pile footings, connect with bridge under construction in New
Orleans; 19,000 lb. rein. steel.

Maryland-See Roads, Streets, Paving.

Md., Baltimore—City, Chas. F. Goob, Ch. Engr., and Pennsylvania R. R. Co.. J. W. Craig, Asst. Engr., plan removing Garrison Lane surface crossing, ask bids in month or six weeks.

Md., Baltimore—Bd. of Awards receives bids May 2 for \$250,000 Russell St. Bridge, over Gwynns Falls and Western Maryland R. R. tracks; B. L. Crozier, Engr., supervise construction.

construction.

Md., Baltimore—Henry G. Perring, 3304
Hillen Rd., will supervise construction of
Curtis Creek and Cabin Branch bridges; replace wooden structures leading to Marley
Neck section, Coast Guard Station, etc., \$800000; Chas. F. Goob, Ch. Engr. 12-29-1927
Md., Towson—Baltimore County receives
bids for 2 bridges. See Roads, Streets, Paving.

Miss., Belzoni—A. R. Hutchens, Clk. Bd. of Supvrs., Humphreys County, receives blds May 7 for creosoted trestle across Callio Bayou; S. E. Miller, County Engr.

Miss., Quitman — Clarke County Bd. of Supvrs., reported, receives bids May 8 for steel bridge across Chickasawhay River, Enterprise; 142,600 lb. struct. steel, 37,300 lb. rein. steel; electrically lighted; P. H. Pipkin, Engr.

Mo., Courtney—H. B. Owens, Sec., Independence Chamber of Commerce, announced J. G. White & Co., New York City, build toll bridge over Missouri River promptly.

Mo., St. Louis—City and St. Louis & San Francisco Ry. Co., F. G. Jonah, Ch. Engr., Railway Exch. Bldg., have preliminary plans for \$149,173 rein. conc. steel bridge over tracks at Wellington Ave.

Mo., St. Louis—Citizens' Bond Issue Supervisory Committee, reported, approved \$125,000 appropriation for 250-ft. conc. and steel River des Peres Bridge, Alabama Ave., Marceau St., to Weber road, in connection with construction of River des Peres storm channel; 40-ft. roadway, 10-ft. sidewalks.

Okla., Frederick—Tillman County, reported, plans \$27,000, 2-span, 120-ft. steel truss bridge on piers. Deep Red Creek, near Hollister; D. Powell, Engr.

Okla., Oklahoma City — E. M. Fry, City Mgr., plans starting construction May 15, on Canadian River Bridge, Robinson Ave. 12-8-27

Okla., Thomas — State Highway Dept., Oklahoma City, reported, plans 1400-ft. pile trestle bridge, South Canadian River near Thomas, Custer County, \$175,000.

anomas, custer County, \$175,000.
Tenn., Chattanooga — Dept. of Highways
and Public Works, Nashville, reported, plans
\$25,000 steel and conc. Chickamauga Creek
Bridge, Hamilton County.
Tex., Brownville—War Department, Washington, approved plans Gateway Bridge
Co. for Rio Grande Bridge, Brownsville.
Tex., Mercedes — State, Highway, County

Tex., Mercedes — State Highway Comn., ustin, reported, plans rebuilding 300-ft. span ? 1600-ft. bridge over floodway, Highway 12, ercedes to Pharr.

Tex., Nacogdoches — City, W. I. Baker, Mayor, receives bids May 1 for conc. Bonita Creek Bridge, Pecan St.; Lamar Acker, Engr. Virginia—See Roads, Streets, Paving.

W. Va., Clarksburg—City, reported, considering \$60,000 bridge to Point Comfort. See Financial News.

W. Va., Hinton-See Roads, Streets, Pay-

Contracts Awarded

Fla., Sarasota—Sarasota County Commrs., reported, let contract to C. E. Hillyer, Baptist Bldg., Jacksonville, Fla., \$214,774, to complete unfinished portion Longboat Bridge, St. Armand's to Longboat Island.

Mo., Bethany—Wilson & Sutton, reported, have contract for conc. Buck's Branch Bridge, South Sixteenth St.

Mo., St. Louis—Bd. of Public Service, reported, let contract to American Bridge Co., 506 Olive St., for 6000 tons fabricated struct. steel, southern approach to Free Bridge.

Okla., Altus—Jackson County, reported, let contract to C. B. McCormick, for excavation and borrow; Boardman Co., Maple & Hawk Sts., Oklahoma City, for six 20x20-ft. bridges, one 20x40-ft. bridge, and culverts.

Okla., El Reno—Canadian County let contracts for culverts and bridge. See Roads, Streets, Paving.

S. C., Charleston—Cooper River Bridge, Inc., will amend charter and reorganize; John P. Grace, Pres., 45 Broad St.; Charles

R. Allen, Pres., Sec. and Treas.; Harry F. Barkerding, second V.-P., all Charleston; J. J. Shinners, first V.-P.; W. H. Pohl, Sec. Treas., both of H. M. Byllesby & Co., Chicago, Ill.

cago, III.

Tenn., Clouds—Southern Ry. Co., B. Herman, Ch. Engr., Washington, D. C., reported, let contract to Virginia Bridge & Iron Co., Roanoke, Va., for 550 tons fabricated structed for viaduct, Clouds.

Tex., Del Rio—H. M. Hutchinson, reported, has contract, \$150,000, for 3700 ft. international bridge over Rio Grande River; Alamo Iron Works, San Antonio, contract for 600

Canning and Packing Plants

Ark., Ashdown — Ashdown Canning Co., capital \$20,000, incorporated; W. F. Akin, C. E. May.

Ark., Siloam Springs — Gallispie Canning Co., Bedford, Va., reported, leased Diven canning plant.

Tex., Longview—J. H. Atkinson Canning Co. increased capital, \$50,000 to \$75,000.

Coal Mines and Coke Ovens

Va., Richmond — Central Public Service Corp., 209 S. LaSalle St., Chicago, Ill. (con-trolling Suffolk Gas Co.), reported, plans erecting coke ovens and gas plant in James River basin.

Va., Richmond—Interests associated with Petersburg Gas Co., reported, plan locating coke ovens and gas plant in this section.

Concrete and Cement Plants

S. C., Dalzell—V. R. Dinkins, Inc., chartered; V. R. and Francis M. Dinkins.

Tenn., Nashville—Nashville Breeko Block and Tile Co., Jeff. St. Bridge, increased capital, \$20,000 to \$30,000.

Tex., Clarksville—Chamber of Commerce interested in locating here one of 3 cement plants to be erected by State.

Cotton Compresses and Gins

Ark., Newport—Federal Compress Co., Memphis, Tenn., add unit to Compress No. 3, giving capacity of 15,000 bales; build 100,000 gal. water tank; install sprinkler service.

Okla., Hollis - Underwood Compress Co., eported, plans 1 story, 225x600 ft. cotton

Tex., Dallas—Texas Farm Bureau Gin Co., capital \$200,000, incorporated; J. T. Arr, 3520 University Blvd.

Tex., Edinburg—Electra Gin Co. incorporated; P. D. Haley, P. de la Vina.

Tex., Rowena-W. A. Eggemeyer, reported, erect gin.

Drainage, Dredging and Irrigation

Alabama—War Dept. appropriated \$260,000 for maintaining and improving of Mobile harbor and engineering district; Alabama River, \$100,000; Tennessee River below River, and Alabama River, \$100,000; Pascagoula harbor, Miss., \$50,000; Gulfport harbor and Ship Island Pass, \$70,000; Southwest pass, Mississippi River, \$365,000; Little Cailou bayou, \$55,000; Louisiana-Texas intercoastal waterway, New Orleans, Sabine River section, \$771,000.

Florida—War Dept. has allotted \$1,576,500 for rivers and harbors improvements, including: waterway between Beaufort, St. Johns River, \$50,000; St. Johns River, Jacksonville to ocean, \$400,000; Miami harbor (Biscayne Bay), \$65,000; Charlotte harbor, \$60,000; Tampa harbor, \$180,000.

Fla., Allandale—Leon Theunissen, Washington, dredging and filling ½ mi. of river front property; East Coast Dredging & Const Co., Contr., 141 George St.; H. B. Cassin Engr., 256½ S. Beach St., both Dayton Beach.

Fla., Fort Lauderdale — New River-Lake Okeechobee and Caloosahatchee Navigation Assn., formed with W. P. Franklin, Pres., Fort Myers, to promote cross-state barge canal.

Fla., Fort Pierce—Fort Pierce Financing and Construction Co., reported, let contract to Hollywood (Fla.) Dredging Co. for dredging ship channel and turning basin to depth of 22 ft.; 500,000 cu. yds.

Fla., Palm Beach—Town receives bids May 1 for hydraulic fills. See Want Section— Bids Asked.

Miss., Pascagoula — Richard Reichtag, Ocean Springs, let contract to Allan Dredg-ing Co., Pascagoula, to dredge canal and fill in marsh lands on Port Bayou.

N. C., Wilmington — W. A. Snow, Dist. Engr., reported, begin constructing inland waterway extension, Beaufort to Wilmington, in Oct.; soon call for bids.

Tex., Bonham—Fannin County Levee Improvement Dist. No. 1 let contract at \$139,-442 to Trinityfarm Construction Co., Waxahachie, for moving 1,100,000 cu. yds. of earth excavation.

excavation.

Tex., Galveston—War Dept. has \$640,000 available for improving Galveston channel, which will be deepened to 32 ft.; \$1,025,000 for Sabine-Neches waterway; widen channel and extend jetty; for maintenance work on channel from Galveston Harbor to Texas City, \$230,000; for channel from Aransas Pass to Corpus Christi, \$300,000; for maintenance work at Port Aransas, \$166,000; Freeport harbor, \$72,500; for Louisiana and Texas Intracoastal waterway from Sabine River, \$584,000; bids will be invited soon for deepening Galveston channel; Maj. A. K. Lyman, Ch. of Engrs. Corps, Finance Division; Col. Julian L. Schley, U. S. Dist. Engr.

Tex., Weslaco—City plans eliminating canal

Ch. of Engrs. Corps, Finance Division; Col. Julian L. Schley, U. S. Dist. Engr.

Tex., Weslaco—City plans eliminating canal through city, substituting conc. pipe; bids May 14 for 5275 ft. 30-in. and 1750 ft. 12-in. conc. irrigation tile, with gates and appliances; conc. tile drain; 600 ft. 18-in., 700 ft. 20-in., 1600 ft. 24-in. conc. tile; 4 manholes; Ben T. Sanders, City Engr.

Virginia—War Dept. has allotted \$2,630,-000 for river and harbor improvement and maintenance in Virginia and North Carolina; Virginia items include: Norfolk harbor, \$340,000; channel to Newport News, \$357,-000; James River, \$130,000; Appomattox River, \$91,000; North Carolina items include: inland waterway from Norfolk to Beaufort Inlet, \$537,500; Cape Fear River, at and below Wilmington, \$184,000; Neuse River, \$51,800; Trent River, Cape Fear River, \$800,000; Lleut. Col. H. C. Jewett, Norfolk Dist. Engr.

Electric Light and Power

Electric light and power work in connection with many LAND DEVELOPMENT operations involves the expenditure of large sums of money. See that classification for details.

Ala., Birmingham — Alabama Power Co. authorized stock increase of 400,000 shares of 5% preferred.

Fla., Lake Placid—Town votes May 21 on \$70,000 water, \$10,000 white way, \$75,000 for golf links and \$8000 fire truck bonds.

Ga., Columbus — Columbus Electric and Power Co. filed petition with Georgia Public Service Comsn., for permission to issue 6895 shares, without par value, of common stock.

Ga., Donaldsonville — Georgia Power and Light Co., Waycross, reported, acquired city light and water plant, ice plant and cold storage; improve.

Ga., Moultrie—W. B. Foshay Co., Foshay Bldg., Minneapolis, Minn., lately acquired and operating Baker County Power Co., announced construction of Diesel engine plant as auxiliary to hydro-electric plant at Newton; first unit 750 h. p. McIntosh-Seymour; ultimate capacity 2000 to 3000 h. p. 2-2

Miss., Richton — Mississippi Power Co., Gulfport, reported, acquired Richton Light and Power Co.

Mo., St. Louis—Bd. of Public Service re-ceives bids May 8 for installing walkways, stairways, checkered plate, including sup-ports, etc., in Municipal Service Bidg.; Buf-

falo Forge Co., Chemical Bldg., reported, has contract for draft fans, including turbine drives and air ducts for boilers.

N. C., New Bern—Farm Light Co., capital \$50,000, incorporated; J. Emmett Sigmon, Ferney Hayes, Newton.

Oklahoma—Public Service Co., 510 S. Boston St., Tulsa, Okla., granted franchise for electric transmission line Jay to Vinita and distribution system in Jay.

Oklahoma—United Power & Light Co., Colcord Bldg., Oklahoma City, reported, granted franchise for transmission line, Chandler and Luther.

Tex., Corsicana—Texas Power & Light Co., Dallas, reported, acquired light and power plant of Corsicana Power & Light Co.

plant of Corsicana Power & Light Co.

Texas—Texas Power & Light Co., Dallas, reported, construct power lines; 60,000 kw. line, Luling through Lockhart, Maxwell to Taylor, to connect with lines near Luling; securing right of way for line, Austin to Lockhart, for proposed extension from Montopolis; plans 132,000 kw. line from Trinidad station in Henderson county to proposed new substation at Milano Junction and 60,000 kw. line from Milano Junction to Cameron; wood pole construction; plans prepared for substation from McCamey to Texas City by Transcontinental Oil Co., 601 Third St., Dallas.

Tex., Dalhart—Dalhart Public Service Co. nlarge power plant, install 500 h. p. Mc-ntosh-Seymour engine, increase plant capac-ty to 1500 h. p.

Tex., Fort Stockton—City, reported, votes soon on installation white way.

Tex., Nocona—Town, True Strong, Mayor, reported, plans light and power plant.
Tex., Richardson—Texas Power & Light Co., Dallas, granted 50-yr. franchise for furnishing power, light and heat in city.

Tex., Rock Springs—Central Power & Light Co., San Antonio, reported, construct hydro-electric project on Rio Frio near Con Can.

Tex., Weimar—Weimar Power and Light Co., incorporated; James A. Darby, B. F. Montgomery.

Tex., Yoakum—Texas-Louisiana Power Co., Fort Worth Club Bldg., Fort Worth, reported, plans \$150,000 power plant and standpipe.

Va., Danville—City extend white way sysm in business district.

Va., Richmond-Stockholders of Virginia Va., Richmond—Stockholders of Virginia Electric & Power Co. voted to issue \$8,000,000 first and refunding mortgage gold bonds, increase aggregate amount of bonds of company \$20,000,000; also authorized directors to apply to State Corp. Comsn. for permission to amend charter of company to provide for an increase of \$5,000,000 in authorized preferred stock, 6% cumulative; proceeds for improvements and extensions. 3-29

Fertilizer Plants

N. C., Wilmington—F. S. Royster Guano Co., Royster Bldg., Norfolk, Va., reported, let contract to D. J. Rose, Rocky Mount, for fertilizer plant; J. N. Waddell, Erection Supvr.

Flour, Feed and Meal Mills

Ga., Smithville—J. W. McDonald installing 2 turbines, water wheels and general repairs on power plant for dairy feeds; install grindmachinery.

Mo., St. Marys—St. Marys Mills Co., re-ported, let contract to Barnard & Leas Mfg. Co., Moline, Ill., for 5 Neal multiple plan-sifters and other machinery for 800 bbl. mill.

Foundry and Machine Plants

S. C., Spartanburg—Standard Looms, Inc., organized with Isaac Andrews, Pres., 519 E. Main St., authorized capital stock of \$750.000 par value 7% cumulative preferred stock and 15,000 shares of no par value common stock; erect plant to manufacture looms, parts and supplementary machinery, plant consists of machine shops, assembling plant and foundry; initial capacity 5000 looms annually; other officers: Jonas Northrop, V.-P. and Gen. Mgr.; Frank Norcross, Sec.-Treas.; Lockwood Greene & Co., Engrs.; plans not ready.

Gas and Oil Enterprises

Ala., Tuscumbia—City granted gas franchise to North Alabama Utilities Co.

Ark., El Dorado—Lion Oil & Refining Co., Exchange Bank Bldg., reported, erect brick, steel and conc. still house. Ark., Jonesboro — John A. Reed, Cedar Rapids, Iowa, reported, completing details for laying gas distributing system; A. J. Waller, Constr. Supt.; J. Andrew Bell, Constr. Engr.

Fla., Tampa — Tampa Gas Co., Peter O. Knight, Director, acquired 14 acre estuary tract for gas plant.

La., Hammond-Mack & Collins, Monroe, negotiating for gas franchise.

La., Hodge—Hodge-Johnson Gas Co., Inc., capital \$25,000, chartered; O. E. Hodge, Ruston; J. S. Hunt, Hodge.

La., Lake Charles—G. S. & R. Oil Co., Inc., pital \$25,000, chartered; Wm. S. Green, capital \$25,00 742 Pujo St.

La., Ruston—Oklahoma Natural Gas Co., 117 W. Fourth St., Tulsa, reported, acquired gas property of Tom James Estate, including 9000 acres of leases; secured gas franchises in 25 cities in W. Mississippi, construct pipe line.

La., Vidalia—Walker Bros., Hammond, has contract for \$18,000 gas distributing plant.
4-19

La., Vidalia-See Miss., Natchez.

Miss., Brookhaven—J. O. Mack and R. E. Collins, Monroe, La., negotiating for 25 yr. franchise; p:pe natural gas from Monroe gas field.

Miss., Greenville - L. G. Bradstreet, reported, applied for gas franchise.

Miss., Natchez — Southwestern Gas and Electric Co., Shreveport, La., reported, ac-quired electric and natural gas utilities at Natchez and Vidalia, La.

N. C., Monroe—O. B. Sikes plans developing tract at Lee Park, build boulevard, etc.

Oklahoma—Sunray Oil Corp., Mid-Continent Bldg., Tulsa, reported, acquired holdings of W. R. and W. E. Ramsey, north of Canadian River in Allen field of Hughes

Okla., Allen-H. & H. Drilling Co., capital 40,000, incorporated; Floyd Heddleson, V. A. \$40,000, in Manahan.

Okla., Ardmore — Kreola Oll Co., capital \$100.000, incorporated; Edwin B. Cox, Bryon A. Williams.

Okla., Muskogee—Scotch Oil and Gas Co., incorporated; S. P. Harris, 718 Columbus St. Okla., Tulsa—Oilwell Restoration Co., cap-ital \$100,000, incorporated; H. R. McCreary, 1106 S. Elg:n St.

Okla., Tulsa—Charles F. Noble Oil Co., incorporated; Charles F. Noble, Kennedy Bldg.

Okla., Waynoka — Winchester Gas Co., Blackwell, reported, has natural gas fran-

Tenn., Memphis—Memphis Natural Gas Co., may be incorporated under laws of Delaware, by directors of Memphis Power & Light Co., 179 Madison St., construct \$8,000,000 pipe line from Louisiana fields to Memphis.

Light Co., 179 Madison St., construct \$5,000, o000 pipe line from Louisiana fields to Memphis.

Texas—Southwest Gas Utilities Corp., formed by consolidation of 15 gas companies with 32 distribution and pipe line systems serving 32 communities in Oklahoma, Texas and Louisiana: will have annual natural gas consumption of 16,000,000,000 cu. ft.; properties in which new company will have controlling interest are Southwest Gas Co., Houston; Northwest Louisiana Gas Co., Inc., Shreveport, La., and Peoples Gas & Fuel Co.; public financing will be done by Edmund Seymour & Co., New York.

Texas—Union Utilities, Inc., formed by consolidation of gas manufacturing and distributing systems in El Paso, Galveston, Waco, Paris and Brenham, Tex. and Council Bluffs, Iowa, under direction of H. G. Scott, formerly V. P. Columbia Gas & Electric Co.; operate through subsidiaries including Texas Cities Gas Co., Galveston Gas Service Co., and Council Bluffs Gas Co.; properties include 6 artificial gas plants total daily capacity of over 16,500,000 cu. ft.; 14 gas holders, storage capacity 3,707,000 cu. ft. and distribution systems totaling 480 miles city mains and 43,599 consumers meters; capital consists of 250,000 shares of no par common stock Class B, all of which will be issued, 100,000 shares of no par 57 first preferred stock of which 7500 shares will be issued and debentures which may be issued; public financing by P. W. Chapman & Co., Inc., New York.

Texas—Moody & Seagraves interests. Houston, reported, acquired from Texas Co. gas holdings in S. Texas covering about 100,000

Texas—Kosmos Carbon Co., Union Bldg., Charleston, W. Va., will construct 2 plants, 3 units each, at Stinnett and Sanford, 36 build-

ings, all steel construction; material will be purchased through C. A. Urban, United Car-bon Co., Charleston, W. Va.; J. H. Alexander, Constr. Engr., Borger.

Tex., Dallas—Champion Winkler Oil Corp., capital \$300,000, incorporated; L. B. Pruitt, Med. Arts Bldg.

Tex., El Paso—Hadlock Oil Corp., capital \$32,000, incorporated; Frank B. Hadlock, 1325 Arizona St.

Tex., El Paso—C. A. McKanna and associ-ties, San Francisco, Cal., and Judge J. C. Quin, San Antonio, reported, applied for 30 r. franchise to supply city with natural gas; construct \$6,000,000 gas line from Winkle county; project, reported, underwritten by Freeman, Smith & Camp Co., San Francisco, 721

Tex., Houston—Stockholders Houston Oil Co., vote May 10 on increasing common stock by amount not exceeding 60,000 additional shares; authorized issue of debentures will be \$10,000,000 but only \$8,000,000 will be presently issued; proceeds to be used to retire \$6,833,000 of 6½% notes to reimburse treasury

Tex., Houston-Radium Oil and Gas Co., capital \$60,000, incorporated; J. F. Richards, 101 Aurora St.

Tex., Houston—Pure Oil Co., Esperson Bldg., reported, increase capacity of Smith Bluff's refinery, 13,000 to 23,000 bbls. daily.

Tex., Houston — McNellie Oil Co., Inc., chartered; F. J. McNellie, 1228 N. Drew St.

Tex., Paris—H. G. Scott Fidelity Public Service Co., reported, acquired gas franchise and distributing facilities of Texas Power & Light Co.

Tex., Port Aransas—Humble Pipe Line Co., Houston, reported, construct 5 oil storage tanks, 110,000 bbls. capacity each at Harbor Island terminal as part of deepwater load-ing project. 3-22

Tex., Pyotte—Constantine Refining Co. plans 3000 bbl. capacity refinery.

Tex., San Antonio—Kelly Oll Co., incorporated; James Kelly, Bernard F. Flynn.

Tex., Wickett—Wickett Refining Co., capital \$50,000, incorporated; C. R. Armstrong, John T. Withers, Jr.

John T. Withers, Jr.

Va., Lowmoor—Intercontinent Gas Corp.,
11 Broadway, M. W. Ditto, New York, reported, leased 55 acres for \$10,000,000 industrial gas plant; company operating through subsidiaries chartered under laws of Virginia will supply gas to Covington and Clifton Forge areas; Shenandoah Gas & Utilities Co., Joseph M. Ligon, Pres., New York, interested.

Va., Norfolk—City Gas Co., 200 E. Plume St., reported, plans expending \$500,000 for gas holder and gas main extension. 9-8
Va., Richmond—See Coal Mines and Coke

Ice and Cold-Storage Plants

Ala., Anniston—Alabama United Ice Co., operating company of United Public Utilities Co., subsidiary of United Public Service Co., 100 W. Monroe St., Chicago, acquired Polar Ice and Cola Co., Anniston Ice and Cold Co., and Calhoun Ice and Cold Co.

Fla., Miami—Roberts & Grentner Properties, Inc., Seybold Bldg., reported, let contract to C. R. Donathan Construction Co., Huntington Bldg., for \$500,000 cold storage plant, N. W. Seventh Ave and 17th St.; 230x100 ft.; Brewer & Co., Archts.-Engrs., 25th Ave.

Fla., Sun City-Sun City Ice and Cold Storage Co., incorporated; G. E. Adams, Emil Reimbold.

Fla., West Palm Beach—Capt. A. S. Andersen, 519 28th St., representing local and outside intersts, who plan \$250,000 cold and dry storage warehouse; 6 storles, 100x300 ft.

storage warehouse; 6 stories, 100x300 ft.

Ky., Louisville—Henry Fischer Packing
Co., 1860 Meliwood Ave., erect \$45,000 cold
storage building; fireproof, steel, conc.,
brick, 1 story and basement, 90x70 ft., rein.
conc. floors; owner builds. See Want Section—Building Material and Equipment.

La., Clinton—Peoples Utilities Co., Box
1632, let contract to Canal Steel Works, 2126
Polan St., both New Orleans, for ice and
light plant; rein. conc., steel, steel roof, 38x
60 ft.; install Fairbanks, Morse Diesel generator set; E. K. Strahan, Inc., Engr., Pere
Marquette Bidg., New Orleans.

La., Tallulah—Tallulah Ice and Cold Stor-

La., Tallulah—Tallulah Ice and Cold Storage Co., capital \$85,000, incorporated; J. L. Blackwell, Geo. Williamson, J. K. Kirsch. Miss., Lucedale—Lucedale Ice Co. erect ice plant.

Tenn., Chattanooga - Southern Dairies.

Inc., 60 M St., Washington, D. C., issued 47,500 shares of Class A stock, for acquiring following companies: George K. Brown Co., Inc., Chattanooga, Tenn.; Racy Ice Cream Co., Knoxville, Tenn.; Nicodemus Ice Cream Co., Frederick, Md.; Selby Ice Cream Co., Statesville, N. C.; Honey Boy Ice Cream Co., Gastonia, N. C.; Winikream Ice Cream Co., Elizabeth City, N. C.; Salisbury Ice Cream Co., Salisbury, N. C.; Chester Ice Cream Co., Chester and Lancaster, S. C.; Palmetto Ice Cream Co., Selma, Ala.; Ice Cream Co., Mobile, Ala.

Tenn., Dickison—People's Ice & Coal Co., capital \$25,000, incorporated; Dr. C. M. Lovell, John R. Baker, J. A. Clifton.

Tenn., Knoxville—Standard Ice Co. erect \$150,000 ice plant; brick, 1 story, 112x86 ft.; York Mfg. Co., York, Pa., supply equipment.

Iron and Steel Plants

Ala., Woodward—Woodward Iron Co. let contract to Semet-Solvay Engineering Corp., 40 Rector St., New York, for complete Semet-Solvay coke handling system, include wharf, screening and loading plant; new equipment planned to take care of output of 230 ovens, output 2500 tons coke daily; run of oven coke discharge on inclined coke wharf, 160 ft. long; conveyor deposit coke in cars; shaking screens handle rejects from furnace and foundry screens; reclaiming hopper at end of wharf; conveyor deposit coke on main wharf conveyor deposit coke on screening and loading plant.

Miss., Jackson—Mississippi Steel and Iron

Miss., Jackson-Mississippi Steel and Iron Co., incorporated; B. Lawrence, Elm and Grand Ave.

Mo., Kansas City—Kansas City Structural Steel Co., 114 W. 10th St., reported, has contract for 1400 tons struct. steel for Shef-field Steel Corp.'s plant. 3-15

Land Development

Ark., Bentonville—Israel Weaver, Good-land, Kan., reported, acquired 10 acres, plans chicken ranch.

Fla., Auburndale — Keystone Grove Co., capital \$25,000, incorporated; C. W. Adams, L. P. Kirkland.

Fla., Fort Lauderdale—New River Enterprises, Inc., chartered; C. N. McCune, Ft. Lauderdale Bk. & Tr. Bldg.
Fla., Miami—South Allapattah Farms, Inc., incorporated; George M. Thompson, Biscayne Bank Bldg.

reayne Bank Bldg.

Fla., Miami—New Miami Shores Corp., 1317
Biscayne Blvd., has preliminary estimates of
work necessary to complete development of
Miami Shores subdivision; 51,400 sq. yds.
oil macadam paving, 55,200 sq. ft. sidewalks;
2 railway crossings; 190 acres cleared
grubbed and leveled; 16,000 cu. yds. top soil;
3 mile parkway, 22 ft. wide prepared for
landscaping: landscaping completed on all
streets; 8500 ft. water mains; 6 tennis
courts; 711 ft. sea wall; 30 residences; swimming pool and recreation center; most of
work under supervision of company's engineer.

Fla., Pensacola—City, reported, construct golf course on Old Spanish Trail. Ga., Valdosta—City, reported, votes May 9 on park bonds.

Ky., Louisville—Arthur Harns Co. develop-ig 68 acre subdivision; install water, sewer,

Louisiana - Stamm-Scheele Manufacturing Louisiana — Stamm-Scheele Manufacturing Co., Ltd., Rayne, closed contract with J. A. Sabatier, Crowley, for installing 2 irrigation pumps and motors complete on farms in Jefferson Davis parish and 12-in. irrigation well with pump and 75 h. p. motor on farm near Elton.

La., New Orleans—Ellindale Realty Co., capital \$60,000, incorporated; Wilton M. Ellin, 5003 Prytania St.

La., New Orleans—Sam Realty Co., capital \$40,000, incorporated; Sam Bosofsky, 2135 Peters Ave.

La., Shreveport—J. W. and Herbert Atkins, City Bank Bldg., receiving bids for paving Horley St., in Gladstone subdivision.

Maryland—Eugene Smith, 1413 I St., N. W., Washington, D. C., acquired 100 acre tract adjacent to Battery Park and Edgemoor with frontage on old Georgetown Rd.; develop subdivision.

Mississippi—N. W. Waters, Birmingham, Ala., advises temporarily abandoned plans for developing 24,000 acres cut over land in Lamar County. 1 in 3-22

Miss., Gulfport—Gulfport Farms Syndicate, H. J. Marlowe, 414 S. Wabash Ave., Chi-cago, Ill., reported, develop 9500 acres near Woolmarket.

Mo., North Kansas City, Branch, Kansas City—Associated Investment Co. develop subdivision in Clay county, 67½ acres.

Mo., St. Louis-Alvin Construction Co., in-orporated; Phil L. Siteman, 5530 Ashland

Mo., St. Lou: -Webster Hills Realty Co., incorporated; Cyrus Crane Willmore, Boatmens Bank Bldg.

Mo., St. Louis—Lewis-Marr Realty Co., incorporated; 4066 Lindell St.

N. C., Charlotte-Moretz, Nivens & Tuttle, Inc., 228 Piedmont Bldg., incorporated; Charles D. Moretz.

Okla., Enid-See Sewer Construction.

Okla., Thackerville—Rubeck Nursery Co., Gainesville, Tex., reported, establish branch

Tenn., Chattanooga—Chattanooga Catskill Land Co. incorporated; M. M. Allison, First Natl. Bk. Bidg.

Tenn., Troy-Terrace Hill Cemetery Co., incorporated; T. C. Ferrell, Sr., C. J. Hunt.

Tex., Beaumont—Southwestern Settlement and Development Co., H. M. Richter, Gen. Mgr., Petroleum Bldg., Houston, reported, develop 100,000 acres cut-over pine lands in Hardin County for farming; build roads; company owns 800,000 acres in Tyler, San Augustine, Newton, Sabine and Orange Counties; use about 400,000 for reforestation.

Tex., Beaumont—City, Frank Bertschler, Park Supt., plans developing Tyrrell Park; construct artificial lake, permanent museum. playground, 18 hole golf course, memorial lodge and caretaker's cottage, etc.

Tex., Dallas — Kessler Plan Assn., 1101
Commerce St., Ray Holder, Pres., plans improvements to Lancaster; improve streets, build circular boulevard, lay out municipal golf course, construct public swimming pool; H. R. Howell and J. O. McShan, in charge.

Tex., Houston—River Oaks Corp., River Oaks Bldg., H. A. Kipp, V.-P. and Engr., develop 35 acres east of River Oaks Blvd. for subdivision; construct conc. and asphalt streets, gas, water, lights, storm and sanitary sewers.

Tex. Houston—John W. Reell 848 W.

Tex., Houston—John W. Beall, 848 W. 5th St., plans developing 140 acre subdivision

Tex., Mission—Del Monte Orchard Co., in-corporated; J. George Brinkman, H. F. Sand-

Tex., Presidio—Presidio Orient Townsite Co., capital \$100,000, incorporated; Slyde Smyser, Geo. V. Smith.

Tex., San Antonio—C. L. Quig, acquired 1603 acres on Potranko Rd., develop for colonization; construct gravel roads, install

., San Antonio-Crockett Realty Co., orated; W. E. Meredith, 209 E. Laurel

Tex., San Saba—Ira G. Yates, San Angelo, acquired additional 2000 acres to 23,000 acre ranch; construct conc. dams to irrigate farm, pecan and fruit orchards; build 15 miles of fence; Mark E. Fairman, Contr.; miles of fence; I build ranch home

Tex., Uvalde—City voted park bonds. 4-5 Va., Hopewell—Point of Rocks Develop-ment Co., Inc., capital \$25,000, incorporated; T. J. Blankenship, 206 Elder Bldg., Hope-well.

Lumber Enterprises

Fla., St. Petersburg—All States Lumber Corp. incorporated; R. M. and I. R. Griffin.

Ga., Brunswick—Clancy Lumber Co., Albany, acquired 5000 acres of virgin pine, between Brunswick and Waycross.

La., Hammond—City Lumber and Supply o., Inc., incorporated; L. D. Spencer, J. M.

La., Winnfield-American Creosote Co., reported, rebuild burned building.

S. C., Lexington—Triplett Lumber Co. in-corporated; L. C. Triplett, P. L. Ritch.

Tenn., Chattanooga—Hooker Lumber Co., incorporated; C. H. Hooker, 2102 Union Ave. Tex., Beaumont—Beaumont Export & Import Co., 401 Perlstein Bldg., erect \$75,000 lumber mill.

Tex., Houston—Home Lumber Co. of Houston, R. H. Haberlein, Pres., 4701 Washington St., erect \$35,000 lumber yard, Leeland Ave.
Tex., Liberty—Liberty Lumber Co., incorporated; J. T. McAdams, Valry Brown, Roy Jones.

Tex., Plainview—Fulton Lumber Co., Jim Williamson, Mgr., erect lumber yards, S. Broadway.

Metal-Working Plants

Metal-Working Flants

Md., Baltimore—Continental Can Co., 100
E. 42nd St., New York, recently acquired
plants, etc., of United States Can Co., capacity
of 1,000,000,000 cans annually; with plants
at Norwood, near Cincinnati, Baltimere,
Little Rock, Ark., East St. Louis, and Roanoke, Va., local office of Continental Can Co.,
Fayette and 11th Sts., and United States
Can Co., known as Atlantic Can Co., 2108
Boston St. Stockholders of Southern Can
Co., Baltimore, will vote May 2 on proposalto sell company to Continental Can Co.

Mining

Ark., Fort Smith—Anderson Stone Co. incorporated; H. C. Bass, 701 Oakland Place.
Okla., Commerce—Rex Mining Co. incorporated; Dola Veteto, S. Walker, N. C. Hulsey.

Tex., Houston—Texas Silica Co., capital \$24,000, incorporated; Frank Cavenagh, West Bldg.

Bldg.

Tex., Houston—B. V. Christie & Co., De-Witt C. Dunn & Co., Sherwood & Lamb, all Houston, offering 87,500 shares common stock of United Salt Corp.; proceeds to be used for erecting \$500,000 brine evaporating plant on Almeda Highway, near Houston; capacity 75,000 tons annually; install carton machine with wax wrapper for packing salt; also include press for making sulphurized salt blocks for cattle industry, capacity 30 tons 10 hrs.

Tex., Mason—Lone Star Copper Mining

Tex., Mason—Lone Star Copper Mining Co., capital \$40,000, incorporated; E. A, Walker, Edw. E. Sanders.

Miscellaneous Construction

Ala., Selma — City, reported, considering \$100,000 bond issue for wharf. See Financial News.

News.

Ala., Selma—Wharf—City has plans for wharf; James W. Billinglsey, Consit. Engr., Interstate Bidg., New Orleans, La.

Ark., Pine Bluff—U. S. Engr. Office, McCall Bidg., Memphis, Tenn., receives bids May 17 for closing 2 crevasses and enlarging levee, near Pine Bluff. See Want Section—Bids Asked.

tion—Bids Asked.

Fla., Coral Gables—Swimming Pool—John
M. Murrell, First. Tr. & Sav. Bk. Bidg.,
Miami, construct swimming pool and bathhouse, 3417 Alhambra Circle; \$10,000.

Fla., Sarasota—Binz Cast Stone Co., Inc.,
117 Lemon St., has contract for 1000 ft. seawall balustrade and 1000 ft. ornamental W.
I. and cast stone fence for Mrs. Chas. Ringling, Shell Beach.

ling, Shell Beach.

La., New Orleans—Overseas Railways, Inc., Graham Brush, V.P., 11 Broadway, New York, and Missouri Pacific Lines, reported, establish freight car ferry transportation service between here and Havana, Cuba, and order placed in England for 8,000-ton car ferry; may buy second ferry; plan to place sealed cars aboard ferries and transport to Cuba for direct delivery to destination; Alfred Smith, may be made president.

3-29

Mo., St. Louis—Incinerator—Bd. of Public

Mo., St. Louis—Incinerator—Bd. of Public Service, E. R. Kinsey, Pres., reported, has low bid at \$14,160 from Schroeder-Grenlich Construction Co., 3111 N. Grand Blvd., for in-

Tex., Galveston—County Commrs. receive ds May 8 for removal of groin pilings from achfront.

Va., Danville — T. C. Laramore, Miller Bldg., has contract for 600-ft. dam, Wildwood Fishing Club, on Hogan's Creek; J. Frank Moorefield, Engr.

Miscellaneous Enterprises

Miscellaneous Enterprises

Ala., Tuscaloosa—E.-Z. Bag Opener, Merchants Bank Bldg., Tuscaloosa, and Decatur, Ill., let contract at \$481,000 to Beloit Iron Works, Beloit, Wis., for paper making machine, capacity 1000 ft. of paper per minute with width 234 in.; Alving F. Felix, Birmingham, Ala., for constructing switches, and 8000 ft. of track; Finnell & Toothaker, Tuscaloosa, Ala., for excavating, track grading and for building embankment for water storage reservoir; bag plant, 280x220 ft., 3 stories; paper and pulp plant, 110x280 ft., 3 stories; paper and pulp plant, 110x280 ft.; 3 stories; digester building, 70x90 ft.; recovery building, 165x80 ft.; wood room, 50x50 ft.; power plant will be housed in building 120x110 ft.; machine shop, 100x100 ft.; store room and plant office, 80x80 ft.; rein. conc., steel and brick curtain walls, Gypsum roof with comp. roof, double glazed skylights and roof ventilators, steel rolling doors, iron stairs, fire escapes, elevators; Wm. E. Spink, Archt., 1101 Pere Marquette Bldg., New Orleans, La.; R. E. Hartman, Gen. Mgr., New Orleans, La.

Ark., Lowell—E. F. Jackson, J. Phillider, and others interested in establishing milk plant.

D. C., Washington—Browning & Baines, 316 Pennsylvania Ave., erect \$75,000 coffee roasting plant, 300 Sixth St.; brick, 4

Fla., Fort Myers—Thomas A. Edison, reported, erect laboratory.

Fla., Gainesville—Central Florida Excelsior Mill, Inc., incorporated; W. J. Selle, Otto Wanzel.

Otto Wanzel.

Fla., Jacksonville — Swift & Co., U. S. Xards, Chicago, Ill., reported, purchased site, including Florida Cotton Oil Co. plant; erect refinery for production of vegetable shortening; probably later on cottonseed oil mill; L. B. Stevenson, Mgr.

Fla., Melbourne—E. L. Johnson, Dekalb, Dulld 1000 ft. recreation and fishing pier, South Melbourne.

Fla., Miami—Dixle Vending Machine Co. incorporated; W. Shayne, 1600 S. W. 11th St.

Fla., Orlando—Fidelity Storage and Warehouse Co., capital \$75,000, incorporated; L. M. Robertson, 130 Hillerest Ave.

Ky., Lawrenceburg—Kraft Cheese Co., 402
Rush St., Chicago, Ill., plans establishing cheese factory.

Ky., Louisville — Donaldson Baking Co. erect bakery addition, 1315 W. Hill St. Ky., Louisville—Devoe & Reynolds Co., 1 W. 47th St., E. S. Phillips, New York, acquired Peaslee-Gaulbert Co., 401 W. Main St., manufacturers of paint, varnish and lacquer.

Ky., Paducah—Wahl's Laundries, capital \$50,000, incorporated; Frank V. Wahl, 2000 Kentucky Ave.

Louislana—E. I. Du Pont de Nemours & Co., Chas. K. Weston, Mgr., Publicity Bureau, advises knows of no basis for report that company leased 5000 acres in Caddo and DeSoto Parishes.

La., Bossier, Br. of Shreveport—Town receives bids May 1 for installing Class "C" fire alarm system. See Want Section—Bids

La., Ruston—Ruston Steam Laundry Co., Inc., reported, erect \$47,000 laundry; F. C. McClanahan, Contr., Homer.

La., New Orleans—Happy Ice Cream Co., Inc., incorporated; Geo. J. Mattingly, 2814 Palmer St.

Ky., Mayfield—Dixon Raincoat Mfg. Co., Dixon, Tenn., plans factory.

La., New Orleans—Cardella-Giacono Cleaners and Dyers, Inc., incorporated; Matteo P. Cardella, 110 St. Anthony St.

La., New Orleans—City install 3 Ahrens-Fox high pressure auto pumpers; one 1000 gal. and other two 900 gal. capacity.

Md., Baltimore—Economy Wholesale Cleaning & Dyeing Co., 1618 W. Baltimore St., incorporated; H. Frank Sulsky.

corporated; H. Frank Sulsky.

Md., Baltimore—Copeland-Silica Gel Corp., chartered in Maryland, by Geo. W. Mason, Edwin H. Brown, Merlin Wiley, all Detroit, Mich., (Directors of Copeland Products, Inc., Detroit); manufacture and market house refrigerators using silica gel method; company will have 90,000 shares of common stock of no par value as entire capitalization; C. Wilbur Miller, Pres., Dawson Chemical Co., and E. B. Miller V.-Pres., Davison Chemical Co.; Waldo Newcomer, Chmn. Bd. of Baltimore Trust Co., Bd. of Directors; reported, a subsidiary of Safety Car Heating and Lighting Co. to be known as Safety Refrigeration, Inc., plans incorporating in Marylad, to handle railway refrigerator car business on silica gel basis.

Md., Baltimore — Newspaper — Harford, Times, Inc., Citizens Natl. Bk. Bldg., incorpo-rated; Lynn M. Comstock.

Md., Baltimore — Proctor & Gamble Co., Cincinnati, O., R. C. Knowles, Mfg. Supt., acquired 8 acre site on waterfront, north side of Locust Point, for soap plant; cost about \$4,000,000; company engineers will supervize.

Miss., Montrose — Montrose Co-operative heese Co. incorporated; C. B. Alexander, . H. Chattham; establish cheese factory; . M. Sharp, Saxon, Wis., in charge of con-

struction.

Mo., Bowling Green—Kleppisch Bros., Inc., call for bids about 15 days for hatchery; fireproof, 64x110 ft., tile, cement floors; Norman Dixon. Archt.

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Mo., Carrollton—Palee Chemical Co., incorporated; W. H. Gatlin, J. A. Dodson.

Mo., Joplin-Joplin Roofing Co., 1002 Jack-on St., incorporated; C. W. Thompson.

Mo., Kansas City-J. A. Tobin Construc-tion Co., incorporated; J. A. Tobin, 5524 Mission Rd.

Mo., Mexico—Central States Paper Distributing Co., 1430 N. Broadway, St. Louis, reported, plans bag factory.

Mo., St. Louis—Blanke-Baer Extract and reserving Co., 3224 Kingshighway, increased apital, \$120,000 to \$170,000.

Mo., St. Louis—Beverage—Anheuser-Busch, Ninth and Arsenal Sts., remodel building, \$10,000, 2817 S. 11th St.; Robt. Baylord, Inc., Contr., 2817 S. 11th St.

Mo., St. Louis—St. Louis Tool and Mfg. Co., incorporated; John D. Young, Geo. G. Albers, Geo. D. Hart, 4920 Berthland Rd.

Mo., St. Louis—National Plumbing Supply Co., capital \$75,000, incorporated; Jere F. Sheehan, 6138 Kingsbury St.

Mo., St. Louis—Kisco Boiler & Engineering Co., 3810 Olive St., incorporated; Wm. L. Kinsling.

Mo., Springfield — Farmer-Dairyman Publishing Co., incorporated; Madge Brownleight, B. W. Gass.

N. C., Asheville—Mann Electric Co., capi-\$25,000, incorporated; Chas. Metcalf, New-dge St.

N. C., Hickory—J. W. Hartsfield plans establishing overall plant.
N. C., Monroe — Monroe Enquirer plans erecting building.

N. C., Newton—Nestles Food Co., 2 Lafay-ette St., New York, reported, considering establishing \$250,000 whole milk plant; may locate here.

Okla., Frederick—Frederick Milk Co., reported, erect \$45,000 cheese factory.
Okla., Marlow—Nu Way Laundry Co. erect \$50,000 laundry; brick, 1 story, 40x75 ft.

Okla., Oklahoma City—Brooder Stoves—Phelan Brooker Co., Inc., 504 Equity Bldg., erect \$15,000 building, 1618 Broadway; semi-freproof, 50x14 ft., conc. floors, comp. roof. See Want Section—Machinery and Supplies.

Okla., Sand Springs—C. F. Camp Co. erect \$60,000 canning factory; 1 story, 180x210 ft. Okla., Stillwell—Sequoyah Publishing Co. Inc., acquired Standard-Sentinel newspaper.

Okla., Tulsa—Guaranty Laundry Co., 14
N. Boulder St., reported, erect laundry; brick, rein. conc., 1 story.
Tenn., Chattanoooga—Federal Bake Shops, T. M. Willis, V.-Pres., Davenport, Ia., leased building, 707 Market St.; remodel for bakery; \$12,000.

\$12,000.

Tenn., Lafollette—Kraft Cheese Co., 402
Rush St., Chicago, Ill., reported, interested in establishing cheese plant.

Tenn., Nashville—Jarman Shoe Co., 207
Shelby Ave., erect \$150,000 plant addition, 511-19 Main St.; brick. conc., 2 stories; capacity 5000 per day; C. K. Colley, Archt., Foster & Creighton, Contr., both Fourth & First Bidg.

Tex., Beaumont—Pedigo Jordan Feed Co. incorporated; C. A. Pedigo, R. W. Jordan. Tex., Dallas — Exclusive Chemicals, Inc., incorporated; M. R. Bruckner, Jr., 450 Munger St.

Tex., Dallas—Dent Theaters, Inc., 2009; ackson St., increased capital, \$100,000 to

Tex., Dallas—Pennants, Costumes, etc.—Gordon-Vaughan Corp. erect \$20,000 building, Cochran St.; 53x140 ft.; Fred F. and C. F. Feterman, Archt., Mercantile Bk. Bldg.; W. H. King, Contr., Const. Indus. Bldg.

Tex., Dallas — McCullough Mechanical Corp., incorporated; W. H. Richmond, 610 S. Waverly Dr.

Tex., Galveston—Vulcan Iron Works incorporated; Robt. A. Lyons, Jr., 3211 N½

Tex., Harlingen—Hicks Rubber Co., Inc., incorporated; Fred Hicks, A. F. Vannoy.

Tex., Houston—Shepherd Laundries Co., 725 Washington St., G. H. Shepherd, Pres., erect additions to 2-story brick building; rein. conc., 88x90 ft.; \$35,000; J. W. Dehnert, Archt., Kress Bilg.

Tex., Lockhart—W. B. Swearengen, reported, plans \$25,000 creamery.

Tex., Longylew—Dixie Creameries, 2419

Tex., Longview—Dixie Creameries, 2419 Southern St., Shreveport, La., reported, erect \$50,000 creamery.

Tex., Marshall—Texas Milk Products Co. creased capital, \$50,000 to \$100,000. Tex., Mission—S. M. Duffle & Co. erect packing shed addition; frame, 24x88 ft.

Tex., Plainview—Young & Bryson has con-tract for \$10,000 building for Luster Laun-dry.

Tex., Plainview—T. H. Luster erect \$14,000 laundry, Seventh St.; brick, tile, tar and gravel roof; Young & Bryson, Contrs.

Tex., San Angelo—Model Steam Laundry Co. erect laundry; brick, conc., stucco, cast stone, 75x225 ft., 1 story, monitor roof; Roy K. Hamberlin, 212 Ricker & Dodson Bldg.; Clem Anderson Construction Co., Contr.

Tex., San Antonio — Gebhardt Canning Plant, 1810 S. Laredo St., erect canning plant addition, 2 stories, rein. conc., steel frame, corrugated asbestos roof; John M. Marriott, Archt., Frost Bldg.

Tex., San Antonio-Laney Creamery erect \$40,000 butter plant; 1 story; in refrigerating plant.

Tex., San Antonio—Colonial Cake Co., 427 Laredo St., has low bid at \$9835 from R. C. Shane for addition; brick, rein. conc., 1 story; R. F. Neumann, Archt., 921 W. Summitt Ave.

Tex., San Antonio—Express Publishing Co., Frank G. Huntress, Pres., erect building. N. W. corner E Ave. and Third St.: 141x188 fi., 5 stories with 3-story tower, rein. conc., cast stone trim, marble tile, wood block and cement floors; install refrigerating system; and some new printing machinery; Herbert S. Green, Archt., Alamo Bank Bldg.

Tex., San Angelo—Col. A. S. Gantt, Gunter Bldg., San Antonio, remodel and erect addition to building, occupied by Holcomb-Blanton Printery.

Tex., Stamford—Wallace Laundry, Inc.,

Tex., Stamford—Wallace Laundry, Inc., capital \$50,000, incorporated; C. E. and J. T. Wallace.

Tex., Temple—D. H. Buchanan Construction Co., capital \$40,000, incorporated; D. H. Buchanan, A. C. Buchanan.
Tex., Temple—Bell Butler rebuild burned Bell Bakery building.

Tex., Texarkana—Modern Cleaners, Inc., incorporated; J. D. Gore, T. O. Womack.
Tex., Uvalde—City voted bonds for fire station equipment. See Financial News.

Tex., Wichita Falls — Tuf-Nut Garment Co., 312 Rock St., Little Rock, Ark., reported, erect building.
Va., Abingdon—Pet Milk Co., Arcade Bidg., St. Louis, Mo., reported, erect \$250,000 milk

condensary.

Va., Petersburg—Trunk and Bag—American Hardware Co., 526 High St., increased capital, \$500,000 to \$5,000,000.

Va., Rural Retreat—Pet Milk Co., Arcade Bldg., St. Louis, Mo., reported, erect substation; also milk plant later.

W. Va., Charleston.—Stone & Webster Inc., 49 Federal St., Boston, advises have no contract for plant for Linde Air Products Corp.

4-19

Motor Bus Lines and Terminals

Motor Bus Lines and Terminals

La., Lafayette—Dudley J. Leblanc, Public
Service Commr., granted following motorbus permits: W. M. Whitaker, Monroe-ErosJonesboro; James W. Livesay, Monroe-ErosJonesboro; Stewart Stage Lines, Inc., additional routes; Yellow bus Line, Inc., extension of line to DeQuincy and Eunice on
Evangeline Highway; Isaac Comeaux, between Sulphur and Cameron.

Tenn., Knoxville—Knoxville Power & Light
Co. will operate bus lines on 4 city routes;
will apply for charter; purchase equipment.

Tex., Amarillo—Safety First Bus Co., Inc.,

Tex., Amarillo—Safety First Bus Co., Inc., acquired Amarillo, Deal Pantex, Stinnett & Spearman bus line.

Va., Surry—Surry & James City Transportation Co., A. F. Jester, has permit to operate bus line between Williamsburg and Wakefield via Surry.

Motor Cars, Garages, Filling Stations

Ark., Little Rock-C. L. Harlin, 412 Park St., erect filling station, W. Eighth St.

Fla., Fernandina—Shave-Roux Motor Co., Inc., plans building, Seventh St.; stucco.
Fla., Miami—W. G. Martin erect garage;
1 story, 54x96 ft.

Fla., Tallahassee—Taft Auto Supply Co., incorporated; A. B. Raft, R. R. Dekie.

incorporated; A. B. Raft, R. R. Dekie.

Ga., Atlanta—C. F. Palmer, Palmer Bldg., receives bids Apr. 30 for building garage as extension to Glenn Bldg., Spring and Market Sts.; 5 stories and basement, 133x88 ft., fireproof, rein. conc., tar and gravel roof, 171 car capacity; \$300,000; following contractors estimating: Foundation Co., 120 Liberty St.; Turner Construction Co., Graybar Bidg., both New York; L. W. Hancock Co., Louisville Trust Bldg., Louisville, Ky.; Gauger-Korsmo Co., Fidelity Bank Bldg., Memphis. Tenn.; Carr Construction Co., Candler Bldg.; Southern Ferro Concrete Co.,

70 Ellis St.; Flagler Co., Red Rock Bldg.;
 C. A. D. Bayley Co., Inc., Citizens Southern Bldg.; Seaboard and Southern Construction Co.; Burge & Stevens, Archts., both 101 Marietta Bldg., all Atlanta.

Ga., Atlanta—M. Rich & Bros. Co., Broad St., Frank H. Neely, Gen. Mgr., reported, erect \$75,000 garage, Hunter and Forsyth Sts.; 20x90 ft., 2 stories and basement.

Ga., LaGrange-Wilks Motor Co., incorporated; I. E. Wilks, E. J. Williams.

Ky., Bowling Green—Mansard Garage & Service Station, Inc., capital \$25,000, incorporated; Geo. R. Williamson, Will R. Loving.

Ky., Louisville—Edw. J. Bosler, Tyler Hotel, erect recreational and garage building, Third and Guthrie Sts.; E. T. Hutchings, Archt., Heyburn Bldg.

La., Mer Rouge—Gallagher Motor Co., Inc., capital \$30,000, incorporated; G. D. Bacon, E. M. Clark.

La., New Orleans—Menefee Motor Co., 2111 Burgundy St., James C. Menefee, erect \$75,-000 building, 1833 Canal St.; rein. conc., brick, 2 stories, comp. roof, steel sash, ce-ment and tile floors; Favrot & Livaudais, Archts., Hibernia Bank Bldg.

La., Shreveport—Adolp Rioux, 230 Columbus St., erect \$60,000 garage, Edwards St.; rein. conc., brick; Clarence W. King, Archt., Giddens-Lane Bldg.

Md., Baltimore—Red Top Cab Co., 1623 ohn St., incorporated; Jacob O. Froelich

Md., Baltimore—Texas Co., Old Town Natl. Bank Bldg., receives bids soon for \$18,000 filling station, High and Fayette Sts.; metal tile roof on steel frame, stucco, 40x70 ft.

Md., Baltimore—Crown Oil & Wax Co., 200 S. Eighth St., erect \$10,000 building, Maryland Ave. and Oliver St.; brick, terra cotta, 1 story, 25x20 ft., slate roof; Geo. Norbury MacKenzle, 3rd, Archt., 5 Guilford Ave.; owner builds.

owner builds.

Md., Frederick — Frederick Nash Motors, Inc., 118 W. Patrick St., incorporated; Paul Koons, Walter S. Ritter.

Miss., Georgetown—F. B. Albritton erect filling station; brick, 50x50 ft.; Joe Robbins, Contr.

Mo., Charleston—Charleston Motor Co., in-corporated; Geo. W. Longsdale, Herman Mat-tingly.

Mo., Independence — Independence Motor Co., incorporated; J. W. Buchanan, W. W. Montgomery.

Mo., Joplin—J. M. Leonard, 410 Main St., rect \$36,000 garage, Second and Wall Sts.; D. Wooten, Contr., 2101 Sargent St.

Mo., Joplin-O'Neil Tire and Battery Co., 123 E. Fourth St., erect \$10,000 garage, Third St. and Virginia Ave.

Mo., St. Louis — Geillespie Auto Laundry ystem, 5836 Delmar St., erect \$15,000 auto aundry: brick, 1 story, 250x100 ft., tar and ravel roof; owner builds.

gravel roof; owner builds.

Mo., St. Louis—Associated Motor Terminals
Co. erect \$300,000 Sev-Mor Garage building,
Seventh and Morgan Sts.; rein. conc., terra
cotta trim, fireproof, 6 stories, 127x87 ft.;
Gill & Jackson, Archt., Buder Bildg.; W. J.
Knight & Co., Engrs., Wainwright Bildg. 4-19
N. C., Albemarle — Hinson Motors, Inc.,
capital \$100,000, incorporated: H. J. Hinson,
Albemarle: E. L. Bost, Burlington.
N. C., Monroe—J. R. Shute, Sr., erect filling station, Wadesboro Rd.
N. C., Monroe—G. M. Tucker erect 2-story

N. C., Monroe—G. M. Tucker erect 2-story garage, Franklin St., to be occupied by Em-mett Gulledge.

mett Gulledge.

N. C., Raleigh—Tire Service Co. of North Carolina, Inc., capital \$100,000, incorporated;
J. L. Emanuel, Lawyers Bldg.
Okla, Oklahoma City—C. S. Owens, 116 W.
26th St. South, erect \$10,000 filling station, 120 W. Poplar Ave.

S. C., Bennettsville—Breeden Bros. Auto-obile Co., incorporated; Eugene and A. L.

Breeden.
S. C., Columbia—Southern Coach Co. of South Carolina, incorporated; G. T. Elliott, Greensboro, N. C.; Chas. L. Kaufman, Law Bldg., Norfolk, Va.
S. C., Greenville—Williams Motor Co., capital \$15,000, incorporated; J. C. Williams, 12 Cain St.

Tenn., Cleveland—Gulf Refining Co. erect filling station, Central Ave. and Broad St.

Tenn., Cleveland.—Hargus Sales Co. erect \$25,000 garage, Inman and Church St.

Tex., Austin.—Mitschke Tire Co., 503 Brazos St., increased capital, \$10,000 to \$15,000. Tex., Breckenridge—Guinn Motor Co., in-orporated; Thomas G. Abraham, R. H.

Tex., Cooper—Delta Motor Co. in rated; R. S. Stevenson, J. C. Smith, Wallace.

Tex., Fort Worth—Federal Tire Service, Inc., 300 Houston St., increased capital \$10,000 to \$15,000.

Tex., San Antonio-H. C. Smith, 712 N. t. Marys St., erect \$35,000 tire station, Main

Tex., San Antonio—Humble Oil & Refining Co., Houston, erect 3 filling stations, Pecos and S. Laredo Sts.; Presa St. and Houston St.; \$25,000.

Tex., San Antonio—Alemite Garage, 407 E. Martin St., increased capital, \$5000 to \$15,-

Va., Lynchburg—Paris Motor Sales and Service, Inc., capital \$10,000, incorporated; Paul Karsten, W. J. Ford, both Fredericks-burg.

W. Va., Clarksburg — Commercial Motor Co., incorporated; A. J. Boyles, 326 E. Pike

St.

W. Va., Clarksburg—Hope Natural Gas.
Co. let contract to Rust Engineering Co.,
311 Ross St., Pittsburgh, for \$300,000 combination office and garage building, Washington and Main Sts.; garage, 2 stories, 51x
136 ft.; Geo. H. Schwan, Archt., 230 Fifth
Ave., New York. See Building Contracts
Awarded—Bank and Office.

3-15

Railways

Railways

Ark., Pine Bluff—H. C. Couch and associates purchased outright Louisiana and Arkansas Railway and Louisiana Railway and Navigation Co., subject approval Interstate Commerce Comn. Directors new compuny: E. A. Frost, Shreveport; W. J. and J. A. Buchanan, Texarkana; Everett G. Frank, Dean Mathey; Karl H. Behr and Randolph G. Pack, New York; W. C. Ribenack, Little Rock; C. P. Couch, Dallas; H. C. Couch, 401 Hardin St., Pine Bluff.

Tex., Texas City—Texas City Terminal Rwy. Co., H. D. Moore, Pres., reconstruct pier "B"; rein. con., conc. pile foundation; Henry F. Jonas & Tabor, Archts., Houston; construction by day labor.

Tex., Wichita Falls—Atchison, Topeka & Serte.

Tex., Wichita Falls—Atchison, Topeka & Santa Fe Ry. System, W. B. Storey, Pres., Chicago, Ill., reported, acquired Clinton & Oklahoma Western R. R.

Railway Shops and Terminals

N. C., Charlotte—Seaboard Air Line Railway, W. D. Faucette, Ch. Engr., Savannah, Ga., plans constructing conc. platform, 165x 25 ft., for unloading automobiles, pave driveways, expend \$20,000.

Roads, Streets and Paving

In connection with LAND DEVELOP-MENT large sums are expended for roads, streets, paving and sidewalks. Details will be found under that classification.

Proposed Construction

Ala., Birmingham—Jefferson County Bd. of Revenue receives bids soon for 2 roads and bridge: 2 mi. Waddell-Crestline Heights Rd., \$60,000; ¾ mi., from present end of Smyer Highway to George Ward's residence, \$15,-000; Warrior River Bridge, Risco, near Por-ter Mines, \$85,000.

Ala., Birmingham—Jefferson County Bd. of Revenue plans third highway between Bir-mingham and Bessemer and Rocky Ridge road, Shades Valley; may sell bonds.

mingham and Bessemer and Rocky Ridge road, Shades Valley; may sell bonds.

Ala., Gadsden—Etowah County, reported, plans 14 mi. Lookout Mountain Scenic Highway through county.

Ala., Russellville—City Council, reported, authorized \$100,000 for 16 blocks paving.

Arkansas — State Highway Commission, Little Rock, received low bids for 2 roads, 9 bridges: Jefferson County—9 mi. grading, draining, gravel surface, Highway 3, Pine Bluff. Althelmer road, J. A. Perdue & Co., 1521 Linden St., Pine Bluff. \$36,530; Scott. Logan Counties—9½ mi. crushed stone surface course, Highway 71, Mansfield-Waldron road, T. L. Throgmorton & Co., Fort Scott, Kan., \$25,792; Lincoln County—316 lin. ft. treated timber pile bent bridge. Highway 114, Gould-West road, Oil City Iron Works. 204 Strand St., Shreveport, La., \$9,611; Lincoln-Jefferson Counties—188 ft. treated timber pile bent bridges, Highway 13, Pine Bluff. \$6,250; Ashley County—392 ft. bridge, Highway 13, Hamburg-North road, Harvey & Highway 13, Hamburg-North road, Harvey &

Jones, Jonesboro, La., \$13,517; Miller County—1.3 ml. earth embankment approach to Red River Bottom bridges, Highway 67, Fulton-Texarkana road, McWilliams Co., Inc., Exch. Bidg., Memphis, \$33,599; Pike County—235 ft. rein. conc. lock girder bridge, Highways 70 and 27, Glenwood-Murfreesboro road, W. T. McBride, Little Rock, \$28,361; Lonoke County—660 ft. treated timber pile bent bridge, Highway 31, Lonoke-Beebe road, Ellis & Lewis, Surety Bidg., Muskogee, Okla., \$21.056; Marion County—155 ft. rein. conc. deck girder, Highway 12, Harrison-Flippin road, Arkansas Construction Co., Yellville, \$11,125; Lonoke-Jefferson Counties—182 ft. treated timber pile bent bridge, Highway 15, Ferda-England road, J. W. Covington, Benton, \$6,499; Conway-Faulkner Counties—357 ft. rein. conc. bridge, Cadron Creek, Highway 64, Conway-Morrillton road, Williamson & Williams, Batesville, Ark., \$52,790.

Ark., El Dorado—City Council authorized widening West Oak St. 5 ft., Washington to West Ave.

Ark., Fort Smith—Sebastian County, S. A. Lynch, Judge, reported, plans extending Grand Ave., 4000 ft. to Waldron road, \$20,000.

Grand Aye., 4000 ft. to Waldron road, \$20,000.

Ark., Little Rock—Commrs. Street Improvement Dist. 493, will soon let contracts for 22 blocks asphalt repaving.

Ark., Paragould—State Highway Comn., Little Rock, reported, receives bids May 15 for 2 sections Highway 1. Green County: Paragould to Hooker; Hooker into Clay County.

D. C. Wacklington, Diet, Commrs, received.

County.

D. C., Washington—Dist. Commrs. received low bid from Pennell & Harley, Inc., 526 Montgomery Bldg., Spartanburg. N. C., for 150,000 sq. yd. paving: 60 cents cu. yd. grading; 50 cents lin. ft. 8-in. cement curb; \$1.62 sq. yd. conc. road; \$8.50 cu. yd. additional conc.; receives bids May 1 for 100,000 sq. yd. asphalt resurfacing, 100,000 sq. yd. asphalt resurfacing, heater method, 160,000 yds. conc. roadway.

4-5

Fia., Bradenton—Manatee County Commrs. may receive bids about June 1 for 4½ mi. All-Key Scenic Highway, Bradenton Beach to Sarasota; will sell bonds.

Fla., Daytona Beach—Trustees Ocean Shore Blvd. Dist., considering widening Atlantic Ave., Main St. to Kemp, as link in St. Augustine to Ponce de Leon inlet boulevard; will pave as property is secured; Ed. Johnson, Bunnell, Chmn. of Bd.

Fla., Fort Lauderdale—City and Broward County, reported, considering improving streets around courthouse; grade, pave and repave Third Ave., River Drive to Sixth St., 30 ft. wide and 45 ft. at courthouse; slag base; Rollin Ritter, City Engr.; G. M. Hopkins, County Engr.

Fla., Lake Placid, Sebring — 6 street paving. See Financial News - City plans

Fla., Pensacola—Mayor Bayliss plans \$200,000 street and sewer improvement; Frank Jarrett; City Engr.

Fla., Pensacola—Escambia County Commissioners, reported, plan letting contract soon to grade 3 mi. Lillian road; Winston E. Wheat, County Engr.

Ky., Fulton—City, reported, plans paving residential streets; Black-& Veatch Co., Kansas City, Mo., surveying.

Ky., Henderson — State Highway Comn., Frankfort, plans rerouting and graveling road, Henderson to Sebree, Webster County, through Anthoston and Robards.

Ky., Murray—State Highway Comn., Frank fort, receives bids May 25 for 29 ml. har surface State Highway, Boy's Crossing to Eggner's Ferry, Calloway County.

La., Alexandria — Rapides Parish Police Jury, created sub-road Dist. A. of Road Dist. 21, Ward 4, plans \$100,000 hard surface roads in Dist. See Financial News.

La., Bastrop—City, reported, receives bids Apr. 30 for 10 blocks conc. paving.

Apr. 30 for 10 blocks conc. paving.

La., Farmerville — Louisiana Highway

Comn., Baton Rouge, received low bid from

F. D. Harvey & Co., Jonesboro, for 7.616 mi.

gravel Marion-Huttig Highway, Union Parish.

3-29

La., Hahnville—St. Charles Parish Police Jury may receive bids May 1 for 3-ft. conc. walk, Destrehan school to Red Church road.

La., Lake Charles—Calcasieu Parish Police Jury, E. R. Henry, Clk., receives bids May 8 for 6 mi. gravel, Sub-Road Dist. 1, Ward 6.

Maryland—State Roads Comn., Baltimore, receives bids May 8 for 6 roads: Baltimore County—1.5 mi. conc., Glyndon to Dover, Cont. B-87; Howard County—3.4 mi. conc., Cherry Lane, end of Cont. Ho-28 to New Cut road, Ho-53; Anne Arundel County—3.48 mi. conc., Patapsco River Bridge to Linthieum, and along Nursery road, Cont. AA-55; Har-

ford County—2 mi. conc., through Pylesville, including rein. conc. bridge over Broad Creek, Cont. H-61; Cecil County—2.5 mi. conc., Calvert toward Bayvlew, Ce-65; Somerset County—1 mi. conc., Princess Anne toward Mt. Vernon, Cont. S-29.

Maryland—State Roads Comn., Baltimore, received bids for 7 roads: Garrett County—1.75 mi. conc., Northwest Turnpike toward Gorman, T. D. Claiborne, Inc., Garrett Bldg., Baltimore, \$46,201; Carroll County—2.04 mi. conc. Liberty and Ridge roads to Taylorsville, Thomas, Bennett & Hunter, Westminster, \$66,222; Baltimore City—39 mi. sheet asphalt Harford road, Orlando Ave. to city line, Baltimore Asphalt Block & Tile Co., 1320 N. Monroe St., Baltimore, \$51,231; Kent County—2.11 mi. conc. Millington toward Delaware State line and Massey toward Sassafras, Layfield & Waller, Salisbury, \$38,990; Worcester County—2.08 ml. conc. Snow Hill-Salisbury road, Layfield & Waller, \$48,152; Frederick County—6.85 ml. conc. shoulders, Frederick Thurmont road, L. R. Waesche, Thurmont, \$45,012; Baltimore County—3.77 mi. conc. shoulders, Harford road, Joppa road to Glenarm road, H. T. Campbell & Sons Co., Towson, \$27,132. 4.5 Md., Baltimore—City Plan Committee, Wm.

Campoell & Sons Co., Towson, \$21,132. 4-5
Md., Baltimore—City Plan Committee, Wm.
O. Atwood, Chmn., propose plan to widen
Charles St. Ave. to 131-ft., Cold Spring Lane
to northern city limits, north of Belvedere
Ave.; repace with sheet asphalt, 42-ft. roadbed; two 18-ft. driveways; 10-ft. sidewalks;
approved plans to extend Dukeland St.,
Gwynns Falls Parkway to Liberty Heights
Ave.

Md., Baltimore—Bd. of Estimates approved plans to widen Holliday St. 16 ft., Lexington to Saratoga; to sheet asphalt pave Philadelphia road, Highland Ave. to Eighth. \$43,000; pave alleys in various sections, \$22,300; pave footways, \$42,000.

Md., Baltimore—Bd. of Awards receives bids May 2 to grade, curb and pave with 10,000 sq. yd. sheet asphalt streets in Cont. 457; grade and pave with 22,000 sq. yd. cement conc. footways in Cont. 106; grade and pave with 11,500 sq. yd. cement conc. alleys in Cont. 127; Nathan L. Smith, Highways Engr.

Cont. 127; Nathan L. Smith, Highways Engr.

Md., Towson—Baltimore County Commrs.,
John R. Haut, Ch. Clk., receive bids May 1
for 5 roads, 2 bridges: Group 4—½ mi.
conc., Barbikow road, King Ave., northeast;
1.09 mi. conc., Glen Arm road, from end of
conc., northeast; Group 5—.7 mi. sheet asphalt. Wise Ave., end of asphalt to Bear
Creek Bridge; Group 6—.7 mi. conc. shoulders, 2-ft. wide. Wise Ave., end of sheet
asphalt to Bear Creek Bridge; Group 7—2-ft.
wide conc. shoulders, Hillen road, Burke to
Taylor Ave.; Group 1—35-ft. spans, rein.
conc. twin arch bridge, Ingleside Ave., over
Dead Run, Franklintown; Group 2—66-ft.
single span rein. conc. arch bridge, Little
Gunpowder River; Samuel A. Green, Roads
Engr.

Miss., Hazlehurst—Copiah County Bd. of Supvrs., reported, receive bids May 7 for maintaining roads in Dist. 2.

Miss., Indianola — Sunflower County, ported, plans \$60,000 to complete gra roads, Beat 1. See Financial News.

Miss., Philadelphia—Bd. of Mayor and Aldermen, receive bids May 1 to improve Main St.; F. L. Crubbs, Clk.

Mo., Bolivar—Polk County Commrs., reported, plan primary and secondary roads totaling 100 mi.

Mo., Clayton — St. Louis County, Judge Wehmeyer, reported, considering \$10,000,000 for roads in 13 cities and 5 townships. See Financial News. 10-6-1927

Mo., Independence — Jackson County receives bids May 7 to grade and pave Winner road, Blue Ridge Blvd. to Van Horn road; 9370 cu. yd. excavation and borrow, 12,712 sq. yd. conc. paving; Leo E. Koehler, County Supvr., ex-officio Highway Engr.

Mo., Joplin—City Council considering \$33.-000 for 12 blocks one-course cone. and squegee asphalt top paying. Annie Baxter Ave. and Nineteenth St.; asphaltic cone., Picher Ave.

Mo., Joplin—City, reported, receives bids soon for 16,500 sq. yd. inverted penetration macad. on brick paving, Main St.; S. P. Ashcraft, Jr., City Engr.

Mo., Kansas City—City Coucil, reported, received low bid from T. P. Thompson, \$84.430, for 18-ft. vibrated conc. on Eighty-fifth St.; \$16,348, for 9-ft. wide Holmes St. Mo., Mexico—City, reported, preliminary plans for 15 blocks grading, curbing, conc. Mc. Serviced Mr.

Mo., Springfield—W. E. Freeman, Mayor, reported, receives bids soon for 7-in. conc. paving and curbing, Kimbrough Ave., Mitchell

to St. Louis St.; engineer preparing plans to surface Benton Ave., asphaltic conc., Pine to Central Ave.

Mo., St. Joseph—Bd. of Public Works, reported, receives bids soon for 2200 sq. yd. asphalt resurfacing, 1212 sq. yd. conc. resurfacing, 8800 sq. yd. conc. paving; W. M. surfacing, 88 Spann, Engr.

Spann, Engr.

Mo., St. Louis—Bd. of Public Service receives bids May 1 to rebuild De Baliviere,
Lafayette and Webster Ave.; improve Skinker
road: construct sewers, Linwood Sewer road; construct sewers, Dist. 2.

Mo., St. Louis—Bd. of Public Service re-vives bids May 8 to rebuild Twelfth St., aprove Nottlingham Ave.

mprove Nottlingham Ave.

Mo., Warrensburg—City Council, reported, proposes \$11,000 to \$12,000 for conc. paving.

N. C., Asheville—Buncombe County Commrs., E. M. Lyda, Chmn., receive bids Apr. 27 to grade, drain and pave 1.06 mi. Blue Ridge road, Black Mountain Township, 10,000 cu. yd. excavation, 11,300 sq. yd. paving.

N. C. Charlotte—City Commrs.

N. C., Charlotte—City Commrs., reported, considering widening N. Graham St. to 58 ft., including two 7-ft. sidewalks, Trade to Railroad bridge beyond W. Twelfth.

N. C., Kinston—State Highway Comn., Raleigh, reported, plans resurfacing 4 roads; 8 mi. Lenoir-Blowing Rock; Morganton, Taylorsville and Wilkes roads.

Oklahoma — State Highway Comn., Oklahoma City, reported, receives bids May 15 for \$1,000,000, grading, draining, road and bridge projects.

Okla., Ada—State Highway Comn., Oklahoma City, reported, may let contract May 1 to grade and drain Ada-Allen road, Pontoc County; will let contract after July 1 for Ada-Stonewall road.

Okla., Altus—City, reported, plans 20,200 sq. yd. grading, conc. paving, \$66,510; J. C. Chisum, Engr.

Okla., Clinton—City, reported, plans 18,700 sq. yd. grading, curbing, conc. paving, Dist. 29, \$61,218; Benham Engineering Co., Gumbel Bldg., Kansas City, Mo.

Okla., En Reno—Canadian County Commrs., reported, receive bids May 8 to hard surface Highway 81, El Reno to Okarche.

Okla., Enid—State Highway Comn., Oklahoma City, reported, plans 7½ ml. conc. road, Enid to Noble County line.

Okla., Erick.—City, reported, plans 43,660 sq. yd. grading, curbing, conc. paving, \$136,810; C. A. Wood, Engr., Stillwater.

Okla., Frederick—Tillman County, reportd, plans 3.4 ml. grading, graveling Burntake road, \$30,000; D. Powell, Engr.

Okla., Geary—City, reported, plans 8800 sq. d. grading, conc. paving, \$26,000; Long & o., Engrs., 1300 Colcord Bldg., Oklahoma

Okla., Holdenville — City, reported, plans, 10,100 sq. yd. grading, curbing, conc. paving, Dist. 28; 3600 sq. yd., Main St.; C. H. Edge, Engr.

Okla., Kingfisher-Kingfisher County, reported, plans 36,000 sq. yd. conc. slab surfacing, Highway 1, \$78,000.

Okla., Mangum—City, reported, plans 9820 sq. yd. grading, conc. paving, \$32,160; E. W. Gantt, Engr., 1116 W. Main St., Oklahoma

Okla., McAlester—Pittsburg County, John Savage, Commr., reported, plans 2 mi. hard surface road, Savage Highway, south of Hartshorne to stone quarry.

Okla., Norman—City, reported, plans 90,000 sq. yd. sheet asphalt resurfacing, \$175,000; F. Cobb, Engr.

Okla., Oklahoma City — State Highway Comn., Clark R. Mandigo, Highway Engr., receives bids May 8, tentative date, for 125 to 130 ml. grading and draining.

Okla., Oklahoma City — E. M. Fry, City Mgr., considering paving streets in 10 districts; widening Tenth St.; paving Phillips Ave., Twenty-first St., etc.

Okla., Ponca City—City, reported, plans 7200 sq. yd. grading, vertical fibre brick paving, \$30,260; H. W. Crawford, Engr.

Okla., Shawnee—City, reported, plans 14,400 sq. yd. grading, sheet asphalt paving, \$61,700; E. T. Archer & Co., Engr., New England Bidg., Kansas City, Mo. halt paving, Engr., New

Okla., Tecumseh—Pottawatomie County Commrs., reported, plan 2 roads: 2 mi. asphalt, south of McLoud; 1 mi. Highway 3,

Okla., Verden—City, reported, plans 5700 sq. yd. grading, curbing, sheet asphalt paving, \$28,200; J. C. Milliken, Engr., Continental Bidg., Oklahoma City.

Okla., Watonga—Blaine County, reported, plans \$600,000 paved and gravel State Highways through county and county roads improved. See Financial News.

S. C., Anderson—State Highway Comn., Columbia, reported, may receive bids in May for 2 asphaltic conc. roads totaling 60 mi., cost \$1,145,000, Anderson County: Honea Path to Clemson College; Abbeville County line near Pelzer to Anderson.

S. C., Greenville—State Highway Comn., Columbia, reported, plans grading and paving 2 highways, Greenville County: No. 2. Maudlin to Fountain Inn; 5 mi. No. 152, off Augusta road, Ware place to Anderson County line, Cooley's Bridge.

S. C., Greenville—Dalton & Neves, Engrs., Cleveland Bldg., Greenville, reported, making surveys for 103 mi. hard surface cross-coun-try roads; B. F. Rush, Chmn., County Road Surfacing Comn.; receives bids probably June 1 to 15.

S. C., Lancaster — City, reported, plans \$30,000 street paving. See Financial News.

Tennessee—Dept. of Highways and Public Works, Nashville, plans \$199,700 for main-taining and improving 145 mi. roads in Union, White and Williamson Counties.

Tennessee—Dept. of Highways and Public Works, Nashville, expend \$125.550 for road building and maintenance in Wayne, Morgan and Sequatchie counties.

Tenn., Chattanooga—Roger Crox. City Commr., reported, considering widening, grading and paving Ringgold road; improve Seventeenth and Kyle Sts.

Tenn., Chattanooga — Roger Crox, Cit. Commr., plans paving Whiteside St., Twenty fifth St. to city limits.

Tenn., Dresden—Dept. of Highways and Public Works, Nashville, reported, consider-ing Dresden-Paris Highway, Weakley and Henry counties.

Tenn., W Tenn., Franklin—Dept. of Highways and Public Works, Nashville, reported, plans \$15,000 oiling and improving 3 mi. Murfrees-boro-Franklin road, outside of Franklin, Williamson County.

Tenn., Johnson City-Mayor Barton, con-sidering paving 21 streets, including East Main, Market Place.

Tenn., Knoxville—Knox County Highway Comn., reported. received low bid from G. W. Prater Co., \$1.92 cu. yd., for 2 stone roads: Raccoon Valley and Heiskell roads.

Raccoon Valley and Helskell Folds.

Tenn., Knoxville—Knox County Judge, S.
O. Houston, approved bid of J. H. Starnes &
Co., Statesville, N. C., \$83,600, to grade and
drain 5 mi. road, Carter's High school, Knox
County to Dandridge Pike, Jefferson County.

Tenn., Knoxville—City receives bids May 1 for 36,000 sq. yd. sheet asphalt, 111,500 sq. yd. asphaltic conc., 6-in. conc. base, 55,000 sq. yd. conc. paving; W. H. Stapleton, Re-

Tenn., Springfield—City Comn., reported, plans paving Main St. and Batts Blvd. north to south city limits.

to south city limits.

Tex., Abilene—Taylor County, Tom K. Eplen, Judge, plans 6.63 mi. conc. Highway 1-A, Abilene to Callahan County line.

Tex., Bastrop—State Highway Comn. Austin, reported, will top highway from Travis County line, west of Elgin, through Elgin on First St.; city of Elgin to tarvia pave 5 blocks, full width.

Tex., Bay City—Matagorda County Court plans improving Collegeport road.

Tex., Cameron — Milam County, Jeff T. Kemp, Judge, plans 6.079 mi. grading, bridges, Highway 43, Williamson County line, through Thorndale.

Tex., Carthage — Panola County, J. G. Strong, Judge, plans 6.679 mi. grading and bridges, Highway 64, Sabine River to De-

Tex., Carthage—Panola County, J. G. Strong, Judge, plans 8.062 mi. grading, bridges, Highway 8. Fed. Aid Proj. 482-A, to Harrison County line.

Tex., Center — Shelby County, reported, plans 1.7 mi. gravel Highway 35, Timpson to Eagle Mills.

Tex., Colorado—Mitchell County, Chas. C. Thompson, Judge, plans 9.322 mi. grading, bridges, Highway 1, Howard County line to Westbrook.

Tex., Cuero—State Highway Comn., reported, may receive bids soon for Highway 72, from Cuero-Westhoff road to Karnes County line.

Tex., Cuero—City Council, reported, plans paving streets leading to Burns hospital.

Tex., Edinburg-Hidalgo County, reported,

plans 36 mi. paving, 8 mi. graveling Road Dist. 3, Alamo, \$750,000. See Financial News.

Tex., Eastland—State Highway Dept., Austin, reported, plans widening and improving highways under State control, in Eastland County: 1½-ft. conc. curb on each side Bankhead highway; resurface Cisco-Rising Starroad; roads at Carbon and Gorman.

Tex., El Paso—El Paso County, E. B. Mc-Clintock, Judge, plans .956 ml. conc. High-way, 130, Marr St., El Paso to Wamble Blvd.

Tex., Fort Stockton—Town, reported, plans uving main streets and connecting with Old panish Highway. See Financial News.

Tex.. Fort Worth—L. W. Hoelscher. City Plan Engr., plans widening Hemphill St., Henderson St. to 54-ft. roadway, Pennsyl-vanaia Ave. to river.

Tex., Franklin—Robertson County, Joe Y. McNutt, Judge, plans 1.801 mi. grading, bridges, Highway 43, Hearne to Little Brazos River.

Tex., Gilmer—State Highway Comn., Austin, reported, appropriated \$40,000 to hard surface Jefferson Highway, Gilmer, Upshur County to Camp County line.

Tex., Grand Prairie—City Comn., G. H. Turney, Mayor, reported, plans paving Center S., connecting Dallas-Fort Worth and Jeferson Ave. extension highways, in Grand

Tex., Houston—Harris County Commrs. Court received low bids from Scott Shambaugh, 203 Larendon Bldg., \$59,083, for rock asphalt paving, conc. base, Main St. road, Bellaire Blvd., to Bray's Bayou; Moller & Roberts, \$93,008, conc. paving, Main St., Bayou to West Junction; Brown & Rock, Georgetown, \$373,579, to pave Market St. road, Clinton road to San Jacinto River. 3-29

Tex., Houston—City, W. A. Moore, Sec. reported, appropriated \$13,000 toward Telephone road, from G. H. and S. A. tracks to city limits; J. C. McVea, City Engr.

Tex., Houston—State Highway Comn., A tin, plans Harris County highway. Lapo road, near Deer Park, to San Jacinto Bati ground: County to furnish 120-ft. right way and \$80,000.

Tex., Huntsville—Walker County, P. H. Singletary, Judge, plans 12.03 mi. grading, bridges, Highway 19, Huntsville to Riverside.

Tex., Jourdanton — Atascosa County, reported, plans road from Pleasanton to Whitsett, then through Live Oak County via George West and Three Rivers to Jim Wells County line, then to Alice.

Tex., Karnes City—Karnes County, D. O. Klingeman, Judge, plans Highways 117 and 72; sold bonds.

Tex., LaGrange—Fayette County, Theo. W. uededs, Judge, plans 7.660 mi. grading, cidges, Highway 71, end of Fed. Aid Proj. 19 to Bastrop County line, \$104,845.

Tex., Panhandle—Carson County. A. A. Callaghan. Judge, plans 10.026 mi. conc., Highway 33, point southeast of Panhandle to Fed. Aid Proj. 421-F.

Tex., Pharr—Town, reported, plans paving main streets in Mexican business section.

Tex., Plainview — Hale County, Geo. L. Mayfield, Judge, plans 12.393 mi. grading, bridges, Highway 9, Hale Center to Plain-

Tex., Raymondville—Willacy County, reported, plans \$500,000 hard surface road west of Hargill, Dist. 3. See Financial News. 3-29
Tex., Rockdale—City, reported, plans \$100,000 street improvement. See Financial News.
Tex., Seguin—Guadalupe County, J. B. Williams, Judge, plans 10.584 mi. grading and bridges, Highway 3, Seguin to point east of Kingsbury.
Tex., Taylor, City, C.

of Kingsbury.

Tex., Taylor—City Commrs., reported, plan
Uvalde rock asphalt topping, gravel base.
7 or 8 blocks, old Georgetown road, west of
Taylor, from Wallace Speegle home to Nelson Bridge, west city limits.

Tex., Terrell—J. P. Barnett, City Sec., reported, plans \$75,000 street paving. See
Financial News.

3-22

Financial News.

Tex., Terrell—U. B. Nicholson, Mayor, reported, plans \$75,000 street paving. See Financial News.

Tex., Uvalde—City, reported, plans street paving. See Financial News.

Tex., Waxahachie—State Highway Comn., Austin, reported, considering topping Highway 34, Waxahachie Dist. line toward Midlothian, and north from Midlothian to Dallas County line.

Virginia—State Highway Comm.

Virginia—State Highway Comn., Richmond, received low bids for 7 roads and

bridge; Alleghany County—3 ml. Route 14, from point west of Covington, M. T. McArthur, Johnson City, Tenn., \$60,815, rock asphalt; Prince William County—.55 ml. Route 28, from southern city limits of Manassas, Rhoades & Walters, Culpeper, \$13,620, rock asphalt; Fairfax County—2.14 ml. grading and draining, Route 28, Sanderson & Marye, Cartersville, \$20,795; Alleghany County—4 ml. Route 14, Carpenter-Major Bros., Clifton Forge, \$78,851, rock asphalt; Alleghany County—3.9 ml. Route 14, Echols Construction Co., Cass, W. Va., \$86,996, rock asphalt; Franklin County—bridge over Pigg River, Route 33, Preston & Pollard, Bedford, \$15,785; Alleghany County—Southern Asphalt Co., Richmond, \$16,544, to furnish and apply 77,600 sq. yd. bit. material, Route 14; \$12,368, for bit. material, Route 10, Bedford County.

Virginia — State Highway Comn., Richmond, reported, authorized 3.8 mi. conc. road from Lynnhaven Inlet Bridge west, omitting 4000 ft. through Ocean Park property; 12 mi. 18-ft. conc. road, Route 34, with 100-ft. right of way, Eastern Shore, Judson's Crossing, Accomac County, toward Belhaven, \$400,000; Northampton County—12 mi. road from Shady Side, \$200,000.

Va., Clarendon—Arlington County, reported, plans 2 mi. Memorial Drive, Gleberoad, Ballston to Brown Ave.

W. Va., Clarksburg—Harrison County, Tenmile Dist., considering 6 hard surfaced roads in dist., \$260,000. See Financial News.

W. Va., Hinton—City, reported, plans \$160,-000 street improvements and overhead bridge at Avis crossing; eliminate grade crossing. See Financial News.

Contracts Awarded

Ala., Birmingham — City Comn., let contracts, \$48,244. to pave 6 streets: Morgan-Hill Paving Co., Woodward Bldg.; Dunn Construction Co., Charm. Com. Bldg.; J. W. Gwin, all Birmingham.

t contract to J. D. Broochie, representing S. Jaudon Engineering Co., Savannah, a., for sheet asphalt or asphaltic conc., on mestone or pembroke clay base paving on streets.

La., Amite—City, reported, let contract to Janes Construction Co., for 2,888 lin. ft. cement mixture paving.

La., Homer-F. C. McClanahan, reported, has contract to pave N. Fifth and South Third St.

La., Thibodaux—Louisiana Highway Comn., Baton Rouge, let contract to Huth Construc-tion Co., Franklin, \$46,797, for 3.732 ml. Thibodaux-St. Patrick road, Lafourche Par-

Md., Baltimore—City, Nathan L. Smith, Highways Engr., let contract to P. Flanigan & Sons., Inc., Harford road and B. & O. R. R., to pave Dickey Court, Holliday to Guliford

Miss., Kosciusko—Mayor and Bd. of Aldermen, reported, let contract to Clark & McKaa, to grade, gravel surface, curb and gutter, storm sewers, 33-ft. street, to Pet condensary, under construction.

Miss., Ackerman—Choctaw County Commrs., reported, let contract to Novaculite Construction Co., Marion, Ill., \$121,481. for 16 ml. Federal Project 187 to Webster County line; to Richardson & Pearson, Hattiesburg, \$25,000, for 16 ml. graveling roads east, south and west from Ackerman. 3-29

Miss., Merigold—Town, T. B. Park, Mayor, let contract to Smith & Wiggins, Inc., \$35,733, for 16,400 sq. yd. one-course conc. slab paving, 7000 lin. ft. conc. curb, vit. pipe storm drains, 2000 cu. yd. excavation. 3-29

Mo., Nevada—City, reported, let contract to Collins Construction Co., for 6-in. 30-ft. wide conc. slab paving, Havana St., Ohio St. to school.

to school.

Okla., El Reno—Canadian County Commrs., reported, let contracts for 5 roads, totaling 29 mi. gravel and 22 mi. dirt and drainage work, 1 bridge: 29 mi. gravel, D. S. Miser & Son, Rosedale, \$30,284; dirt and drainage: 2 mi. from point west of Union City, west, Ray & Lawson, Yukon, \$6,127; S mi. point west of El Reno, west, D. T. Allen, Henry-etta, \$15,993; 3 mi., Union City east, D. T. Allen, \$6,489; 3 mi., Union City west, D. T. Allen, \$6,527; 6 mi. point south of Okarche. east and west, Patterson & Patterson, El Reno, \$12,522; box culverts, point south of El Reno, east and west, Robison & Bilby; bridge, south of Okarche, Robison & Bilby;

N. C., Graham—Alamance County Commrs. t contract to Jack Long, 114 Burch Ave.,

Durham, \$14,000, for 1 mi. hard surface road, end of Rauhut St. to Hopedale Fork via

N. C., Greensboro—Guilford County Commrs., reported, let contract to Ketchinite Construction Co., to hard surface 3 mi. each, Guilford-Battleground-College, and Winston-Salem, Friendly road links; let tentative contract to Kiker & Yont, Reidsville, for 2 mi. tarvia road, Whitsett Community, toward corner of county; I mi. near Rock Creek.

N. C., Hickory—J. D. Elliott, Mayor, accepted assignment of Catawba Construction. Co., of street paving contract to Sam E. Finley, 212 W. North Ave., Atlanta, Ga.: contract let Sept. 7, 1927.

Okla., Geary—Ward-Beekman & Bro 1801 E. Nineteenth St., Oklahoma City, ported, have contract, \$56,086 for 21,510 yd. grading, curbing, conc. paving. Brooks.

Okla., Marshall—Hyde Construction Co.. Enid, reported, has contract, \$66,000, for conc. paving.

Okla., Muskogee—City let contract to Gravelle & Hamblin, for 11,941 sq. yd. 6-in. plain cement conc. paving, 7,590 ft. 6-in. curbing, etc.

Okla., Shawnee—J. C. Coleman, Clk., ported, let contract to H. L. Cannady C 1116 S. Lewis St., Tulsa, for conc. paving.

Okla., Tulsa—Tulsa County, reported, let contract to A. C. Hayes for 2 mi. grading, draining 60 ft. Jenks to Turkey Mountain

S. C., St. Matthews—Town, recontract to Ben H. Martin, for Bridge St. paving.

S. C., York—John L. Carroll, 2930 Divine St., Columbia, reported, has contract, \$22.551. for 10 ml. top soil, from point between York and Filbert to North Carolina line, south of

Tenn., Union City—Hays Construction Co., Jackson, reported, has contract for conc. highway, Union City to Fulton.

Tex., Corpus Christi—Smith Bros., American Natl. Bank Bldg., Dallas, has contract for 7 blocks 6-in. conc. base, 1½-in. Uvalde rock asphalt paving.

Tex., Fort Worth—O. E. Carr, City Mgr., let contracts, \$480,152, to pave 9 streets; Hughes & Everett; Colglazier-Huff & Co., 922 Austin St., San Antonio.

Austin St., San Antonio.

Tex., Galveston—W. A. Kelso & Co., Inc., reported, has contract to pave Forty-Fifth St., Ave. J to Ave. U.

Tex., Houston—Harris County Commrs., reported, let contract to A. A. Davis, \$378,-446, for 15 mi. conc. Houston-Goose Creek road.

Tex., Houston—Harris County Commrs. let contract to Haden & Austin, 1901 Runnels St., \$10,032 hard surface 2 roads: 5 mi. Crosby-Lynchburg; 5 ml. Cedar Bayou. 3-15

Virginia—State Highway Comn., Richmond, let contract for 2 roads: Henry County—8.4 mi. rock asphalt, Route 33, Roberts Contracting Co., Pulaski, \$291,911; Franklin County—7.3 mi. rock asphalt, Route 33, Copenhaver Contracting Co., Charlottesville, \$211,303.

Copenhaver Contracting Co., Charlottesville, \$211,303.

West Virginia—State Road Comn., Charleston, let contracts for 10 roads; Hampshire County—5 mi. grading, Romney-Springfield road, Marrarra & Albright, Albright, \$84,926; Kanawha County—4 mi. grading and draining, Tyler Mountain-Putnam, Venable & Farkas, Morrison Bldg., Charleston, \$76,511; Monongahela County—3.5 mi. grading, draining, Casswille-Pentress, E. L. Cavin & Co., 201 Summers Ave., Charleston, \$45,529; Wetzel County—3.5 mi. grading, draining, New Martinsville-Wileyville, George N. & O. J. Yoho, Cameron, \$37.587; Putnam County—9 mi. grading, draining, Kanawha County-Nitro, Venable & Farkas, Charleston, \$964; Pendleton County—5 mi. grading North Fork Valley, N. G. Scott & Co., Elkins, \$61,078; Webster County—6 mi. broken stone base, Webster Springs-Diana, Hardman Construction Co., Spencer, \$88,747; Roane County—3 mi. grading, draining, Spencer-Smithfield, J. M. Cain & Co., 1010½ Quarrier St., Charleston, \$44,053; Upshur County—6 mi. conc. or bit. macad, Wm. McCormick, Gauley Bridge, \$146,000, macad.; Kenawha County—2.5 mi. Sissonville-Jackson Countyline road. J. N. Smith Co., Logan, \$45,490; Upshur County—6 mi. Buckhannon-Cleveland, Ferguson Brothers, Shinnston, \$160,277.

W. Va., Fairmont — Arthur G. Martin, Mayor, let contract to Ralph W. Fimple.

W. Va., Fairmont — Arthur G. Martin, Mayor, let contract to Ralph W. Fimple, Water St., to widen and grade Pennsylvania Ave. at Bellview.

Sewer Construction

Sewer construction in LAND DEVELOP-MENT projects involves the expenditure of large sums of money. Under that classifica-tion details of these improvements are re-ported.

Ala., Birmingham—City rejected bids for constructing Woodlawn central storm sewer; call for new bids; authorized construction sewer Maplehurst, Hillside Ave. and Thirtyfirst Alley, S. 4-5

Ala., Boaz—J. M. McClain, Gadsden, has contract for 5700 ft. S ft. conc. pipe, install septic tank with sludge bed; J. B. McCrary Engineering Corp., Engrs., Atlanta, Ga. Ark., De Witt—F. D. Harvey & Co., Jonesboro, La., reported, has contract for vit. clay sewers, manholes, etc.

Fla., Pensacola-See Roads, Streets, Pay-

Fla., Pensacola—City plans sewer improve-ments on Palafax and DeVillier Sts.

Fla., St. Petersburg — J. E. and D. Bryan Co., reported, has contract for unit of sanitary sewer system. contract for new

Fla., West Palm Beach—Central Stat Equipment Co., reported, low bidder pumping stations for sewer district 9-A.

Ky., Louisville—Commrs. of Sewerage receive bids May 18 for Whitney Ave.-Berry Blvd. sewer, Section B. See Want Section—Bids Asked.

La., Baton Rouge—City receives bids about une 15 for \$180,000 trunk line sewer.

La., Many—City having plans and esti-mates prepared for sewerage system.

La., Rayville-See Water Works. La., Winnsboro-See Water Works.

Md., Baltimore — Angelozzi Construction Co., High and Granby Sts., has contract at \$73,234 for storm drains in Dists. H-3 and H-5, Sanitary Contr. 248.

Mo., St. Louis-See Roads, Streets, Paving. N. C., Shelby—City plans sewer extension and septic tank on Little Hickory Creek.

Okla., Alva-City, reported, plans vit. clay

Okla., Enid—City votes May 19 on storm sewer, sewage and water disposal, water main extension and park bonds.

Okla., Harrah—City has preliminary plans or sewer system.

Okla., Headrick—City, reported, preliminary surveys for improving disposal plant.

Okla., Olustee-City, reported, plans sewer

Okla., Tulsa—City has preliminary plans sewers Carbondale addition.

Okla., Verden—E. W. Baker, Perrine Bldg., Oklahoma City, reported, has contract for clay sewers, water works, motor, etc.

S. C., Greenville—Tucker & Layton Greenville—

S. C., Greenville—Tucker & Laxton, Inc Greenville, reported, has contract to instal pipe for 5 short trunk lines for Greater Green ville Sewer Dist.

Tenn., Bolivar—Rowan & Rickard, Little Rock, Ark., has contract for sewers.

Tex., Fort Worth—City receives bids about June 1 for addition sewage disposal plant. See Want Section—Bids Asked.

Tex., Galveston—Walsh, Burney & Moore, 928 N. Flores St., San Antonio, has contract at \$15,511 for conc. sewer laterals in Cedar Lawn and Palm Gardens.

Tex., Houston—V. H. Williford, 1330 Castle St., has contract for sewer, Brunner St. and Stevens and Harrington Sts.

Va., Boydton—See Water Works.
W. Va., Huntington—Bd. of Commrs. receives bids May 7 for sewers. See Want Section—Bids Asked.

Shipbuilding Plants

Md., Baltimore — Bethlehem Shipbuilding Corp., J. M. Willis, Gen. Mgr., let contract to Consolidated Engineering Co., 20 E. Franklin St., for office building, watchman's quarters, boiler house and garage at Key Highway and Cross St.; \$100,000.

Telephone Systems

North Carolina—R. E. Wilsey & Co., Inc., Chicago, Beverley Bogert & Co., New York, offering \$1,500,000, 1 yr. 5% secured gold notes of Southern State Utilities Co., to operate general telephone business in 34

counties in North Carolina, Virginia and West Virginia; proceeds to be used for acqui-sition of properties, improvements, and other corporate purposes.

N. C., Fallston—Union Telephone Co., capal \$25,000, incorporated; M. C. Hoyle, Mite Hoyle.

N. C., Kernersville—Kernersville Telephone xchange Co., capital \$50,000, incorporated; N. Linville, C. J. Ragland.

N. C., Laurel Hill—Laurel Hill Telephone o., incorporated; Edwin Pate, R. M. Cal-

Tex., Waco—Texas Telephone Co. plans spending \$100,000 for repairs and extensions line.

Textile Mills

Ala., Anniston — Anniston Manufacturing Co. having plans prepared by J. E. Sirrine & Co., Greenville, S. C., for \$30,000, 2 story, 75x85 ft., picker room.

Ala., Clanton — Batson-Cook Co., West Point, Ga., has contract for mill for Alabama Mills Co.; main mill bldg. 2 story, brick, 107x240 ft., about 50 frame cottages; install 10,000 spindles; cost \$148,000; Robert & Co., Atlanta, Ga., Archt.-Engr. 4-19

Atlanta, Ga., Arent-Engi.

Ark., Malvern—International Shoe Co., 1505
Washington St., St. Lou.s. Mo., reported, soon begin work on shoe duck and canvas glove fabric plant; install 14,000 spindles and necessary looms; L. L. Brown, Mgr. and

Ga., Brunswick—Burcot Products Co. now being organized; Paul J. Varner, Trustee; with remodel buildings of U. S. picric acid plant; begin installation of equipment in 30 days; Frank W. Van Ness and Associates, 320 Broadway, N. Y., Engrs. in charge remodeling and machinery installation. 4-19

Ga., Calhoun—Calhoun Mills, reported, have plans by J. E. Sirrine & Co., Engrs., Greenville, S. C., and will soon call for bids for mill unit.

Ga., Dalton—Barrett Construction Co., Dalton, has contract for Wescott Hoslery Mills; Lockwood, Greene & Co., Inc., Engrs., Wilson Bldg., Charlotte, N. C. 4-19

Ky., Maysville — Maysville Cotton Mills erect 3 story side addition to picker room and 1 story warehouse; standard mill construction; J. E. Sirrine & Co., Engrs., Greenville, S. C.

La., New Orleans—E. V. Benjamin & Co., Inc., operator of Maginnis Cotton Mills, reported, increased capital, \$2,000,000 to \$2,300,000.

., Burlington-A. M. Johnson, 231 N. lle St., Chicago, Ill., reported, conthird unit of rayon plant, 300x1000 3-15

N. C., Hazlewood, R. Sta. Waynesville—Hazel-Wayne Co., let contract at \$25,715 to T. C. Norris, for tapestry mill for Royle-Pilkington Co., Mount Holly, N. J. 4-12 N. C., High Point—Union Hosiery Corp., capital \$100,000, incorporated; W. B. N. C. Peldarilla, V. S. C. Peldarilla, V.

N. C., Reidsville—Klotz Silk Mfg. Co., Inc., Clifton, N. J., reported, acquired warehouse of Reidsville Warehouse Co., install looms and throwing machinery for silk plant.

and throwing machinery for silk plant.

N. C., Spray—Spray Cotton Mills invites bids soon on 2 story warehouse, 1 story opener room and office addition; \$60,000; J. E. Sirrine & Co., Engrs., Greenville, S. C. S. C., Goldville—Joanna Cotton Mills, reported, acquired tract for cotton mill addition.

S. C., Greenville—Stockholders of Brandon Mills. Poinsett Mills, both Greenville, and Woodruff Cotton Mills, Woodruff, vote May 23 on merger. 3-22

S. C., Laurens—F. and J. Mills Co., Emmett J. Jessee, erecting textile mill, N. Harper St.

per St.

S. C., Pelham—The Pelham Mills advise have not purchased Jenkins Mill.

Va., Bedford—Bedford Johnson Co., Grove St., Harry J. Johnson, Pres., 350 Broadway, N. Y., will rebuild woolen cloth plant.

plant.

Va., Berryville—Berryville Silk Mill, Joseph Le Bert de Bar and Emil E. Mattern, Grantwood. N. J., have 3 acre site; erect \$25,000 mill; install individual motor driven looms; Hugh N. Ritter, Contr.

Va., Richmond—DuPont Rayon Co., Inc., 32nd St. and Fourth Ave., New York, let contract to Allen J. Saville, Inc., Electric Bldg., for grading for railroad tracks from main line of Seaboard Air Line to site of rayon plant at Ampthill; contract for conc. road leading from Petersburg turnpike to Waugh Brothers, Fayetteville, W. Va.

4-5

Water Works

Details of water works improvements in connection with the many LAND DEVELOP-MENT operations will be found under that classification.

Ala., Phenix City — Water Works Comsn. receives bids May 3 for water supply. See Want Section—Bids Asked.

Ala., Wetumpka—Alabama Public Service Comsn., Montgomery, approved construction of water purification plant by Alabama Water Service Co.

La., Opelousas — Stamm-Scheele Manufac-turing Co., Ltd., Rayne, has contract for installing steam vertical turbine deep well pump in municipal water plant.

La., Rayville-City voted bonds for water works and sewers.

La., Winnsboro—Town votes May 22 on bonds for fire truck, extension to water mains, sewerage line and street sprinkler and flusher.

Md., Easton—Easton Utilities Comn. re-lives bids May 14 for water mains. Sec ant Section—Bids Asked.

Miss., Bay Springs — Men's Community Club, reported, interested in installation and water facilities.

Miss., Calhoun City—Layne Central Co. Chelsea St., Memphis, Tenn., reported, has contract for sinking deep well for water supply

Miss., Edwards—R. M. Striger, Engr., Fondren St., Jackson, reported, preparing plans for improvement to water system.

Miss., Ripley—Mississippi Utilities Co., reported, acquired light plant and water works system: will supply current to Chalybeat, Brownfield, Wilbut, Tiplersville and Faulkner.

Mo., Arcadia—City, reported, voted on bonds. See Financial News.

Mo., Hamilton—City, reported, plans water works and distribution systems: Burns & McDonnell Engineering Co., Engrs., 402 Interstate Bldg., Kansas City.

Mo., Lebanon—City, reported, soon receive bids for 14,000 gal. reservoir, centrifugal and deep well pumps.

Mo., Perryville—City voted \$120,000 water works bonds. 4-12

works bonds.

Mo., Springfield — Springfield City Water
Co. applied to State Public Service Comn.,
Jefferson City, to issue and sell \$116,000
of 5 yr. 5½% gold coupon notes.

Mo., St. Louis—Bd. of Public Service receives bids May 8 for smokestack Missouri
River plant water works, Howard Bend.

N. C., Charlotte—City, W. E. Vest, Supt. Water Dept., install 3300 ft. 6-in. water line, Selwyn Ave.

N. C., Dallas—Town receives bids May 1 or water improvements. See Want Section—Bids Asked.

Okla., Dill-City, reported, plans water

, Gastonia—City receives bids May 3 ter main. See Want Section—Bids N. C. vater Asked.

N. C., Kings Mountain—City, reported, plans water works. See Financial News.
Okla., Enid—See Sewer Construction.

Okla., Harrah—City, reported, has preliminary plans water works.

Okla., Hominy—City, reported, receiving bids for two 250 g.p.m. centrifugal pumps and motors.

Okla., Marshall—City, reported, votes soon \$75,000 water bonds.

Okla., Oklahoma City—City, M. Peshek, Jr., 602 W. California St., reported, plans 53,000 ft. 48 in. c. i. or 54 in. conc. or wooden pipe line from City Lake.

Okla., Sentinel—City, E. J. Winningham, Clk., reported, soon receive bids for water improvements; C. A. Wood, Engr., Still-

Okla., Tulsa—City, reported, plans extend-ag water mains Carbondale Addition. Okla., Verden—See Sewer Construction.

S. C., Summerville—Comn. of Public Works receives bids May 1 for water system. See Want Section—Bids Asked.

Tenn., Knoxville — George Dempster and R. L. Ruff petitioned city for extension water mains in Harrill Hills subdivision.

Tenn., Knoxville—City considering extend-g water lines to Fountain City and Harrill

Tenn., Troy—City plans constructing water system; voted \$24,000 bonds; Thomas H. Allen & Co., Consit. Engrs., Bk. Com. Bidg., Memphis.

Tex., Amarillo-F. Parrott, Dooly Blvd., Lake City, Utah, reported, has contract for sedimentation tanks, sludge beds, etc.

Tex., Beaumont—W. F. Warfield & Co., 689 Orange St., reported, has contract for mile pipe line, Calder Highlands.

Tex., Eden-City, reported, votes on water

Tex.. Floydada — Sherman Machine and Iron Works, 18 E. Main St., Oklahoma City, Okla., has contract for 7400 ft. 6-in., 1790 ft. of 2, 4, 6 and 8-in. water main extension.

Tex., Marble Falls-City votes May 19 on water bonds. Tex., Round Rock-City, reported, plans central water system.

Va., Boydton — Town Council authorized ond issue of \$75,000 for water and sewer

Woodworking Plants

Md., Baltimore—Warren Veneer & Panel Co., Warren, Pa., acquired furniture making plant at President and Fawn Sts., auxiliary property in Violetville and machinery of Reliable Furniture Mfg. Co.

Md., Hagerstow Works, Inc., incorr Robt. H. McCauley. Hagerstown — Hagerstown Table Inc., incorporated; Homer L. Miller,

Okla., Enid—L. H. Thorne Planing Mill.
120 E. Cherokee St., completing building;
D. C. Bass & Sons Construction Co., Contr.,
N. Independence St.; Hall & Brown, St. Louis,
Mo., equipment contrs. See Want Section—
Miscellaneous. 4-19

S. C., Sumter—Sumter Handle Factory, Inc., incorporated; C. C. Beck, G. W. Deas.
Tenn., Athens — Sani-Fold Corp., E. E. Sutherland, Pres., reported, erect plant to make folding chicken coops, camping equipment, tables, etc.; main building 2 stories, with warehouse.

Tex., Tyler—East Texas Crate and Basket Mfg. Co. increased capital, \$5000 to \$20,000.

FIRE DAMAGE

Ala., Leeds—Leeds High School; loss \$40,000; E. B. Erwin, Supt., Jefferson County Schools, Birmingham.

D. C., Washin 1212 Water St.,

Mobile-Mary Taylor's residence,

Fla., Jacksonville — Atlantic Coast Line's car and blacksmith sheds, Moncrief Rd.; loss \$20,000.

Municipal Fish Market, and others; loss \$300,000.

Fla., Tallahassee—Tallahassee Lumber Co.'s sawmill.

Ga., McIntyre—Marvin Hall's planing mill; loss \$25,000.

La., Alexandria—Alexandria Auto Duco Paint Co.'s building; loss \$15,000.

La., New Orleans—Louis Mondshine Furniture Co.'s building, \$60,000; Hurwitz-Mintz Furniture Co.'s building, \$15,000; La Luisiane Hotel; Solari Building, \$10,200.

La., Winnfield — American Creosote Co.'s plant; loss \$200,000.

Md., Hebron—Hebron Milling Co.'s plant; ss \$40,000.

Md., Lake Roland, Baltimore—Mrs. Albert Sioussat's summer residence near Hollins Station.

Mo., Kansas City—Pague Mfg. Co.'s building, manufacturers steel chemical containers; loss \$15,000; Frank L. Woodward, Mgr., 1225 Stratford Rd.

Mo., Mount Vernon-High School; loss \$30,000. Address School Board.

N. C., Louisburg — Riverside Warehouse and building occupied by Boddle Drug Co., property owned by S. N. Egerton and T. W. Ford estates.

Ford estates.

N. C., Norwood—Ross' Barber Shop; Teal's Cafe; Phillips' Drug Store.

Tenn., Centreville—G. G. Goodman's barber shop, basement Security Bank & Trust Co., Beasley & Edwards Hospital; loss \$15,000.

Tenn., Chattanooga — Sherwin Williams Paint Co., 924 Market St.; loss \$30,000; J. C. Guild, owner of building.

Tex., Childress-Auto Supply Station; loss \$30,000.

Tex., Dallas — Bluebonnet Inn, Arcadia Park, A. W. Patterson, Propr.; loss \$20,000.

Tex., Dallas — John L. Jones Furniture Co.'s warehouse; loss \$100,000. Tex., Friona—Dixie Filling Station; R. I. Hicks, owner.

Tex., Ranger—Lone Star Gas Co.'s gaso-line absorption plant; loss \$31,000. Tex., Thomaston—W. A. Eatman's resi-dence, Victoria Highway near Thomaston.

dence, Victoria Highway near Thomaston.

W. Va., Richwood — Cole Grocery Store, Smith Garage, Hood Spondura Shoe Store, Main Street Drug Store, Kessler Jewelry Store, Hinkle Barber Shop, Armstrong Building, Loyal Order of Moose building, Hole Shoe Store, Metz Electric Shop, Swartz Jewelry Store, Singer Sewing Machine offices, Home Confectionery, Chinese Laundry, Appletree General Store; Breckenstein Department Store, Harmon Department Store, Harmon Department Store, Northern Hotel; Nicholas Republican newspaper building, Spencer Bldg., Buck Bldg., Oakford Theater, First Natl. Bank; loss \$325,000.

Ark., Pine Bluff-T. B. Dalby Grocery Co. building, Barraque and Mulberry Sts.; los \$20,000. Washington-Johnson & Wimsatt, ter St., S. W., lumber yards and

BUILDINGS PROPOSED

BUILDING NEWS

Association and Fraternal

Ark., Fort Smith—Masonic Home Assn., Inc., Eighth and A Sts., ready for bids about May 1 for \$300,000 temple, N. 11th St. near B St.; Indiana limestone, 2 stories and basement, 63,730 sq. ft. floor space; auditorium seat about 1200 on first floor; Geo. R. Mann, Wanger & King, Archts., A. O. U. W. Bidg., Little Rock; Haralson & Nelson, Asso. Archts., Merch. Bk. Bidg., Fort Smith.

Fla., Miami-Miami Labor Temple 925 N. E. First Ave., remodel bu Nieder & Seiler, Archts., Calumet le Assn., building;

La., Coushatta—Silent Brotherhood Lodge, No. 146, F. & A. M., receives bids May 5 for rein. conc. and brick temple; \$20,000; 2 stories; plans from M. A. Conly, Sec.

stories; plans from M. A. Conly, Sec. Miss., Gulfport-Benevolent Protective Order of Elks erect gymnasium addition; 16x 30-ft. swimming pool, bowling alleys, billiard and pool rooms.

Mo., St. Louis — Young Men's Christian Assn., Bd. of Directors, having plans drawn by Klipstein & Rathmann, 316 N. Eighth St., for \$600,000 South Side Branch, Grand Blvd. and Shenandoah Ave.; br.ck, stone, terra cotta and rein. conc.; Samuel C. Davis, Pres., Y. M. C. A., 1526 Locust St.

Tex., Beaumont—Masonic Temple Co., Guy W. Junker, Pres., 330A San Jacinto Life Bldg, annex, inaugurate fund campaign in June for \$400,000 to \$500,000 temple to replace structure, Pearly St. and Broadway.

Tex., Crosbyton—Crosbyton Lodge, No. 1020, A. F. & A. M., E. M. Aycock, Worshipful Master, plans lodge building.

Tex., Galveston—Scottish Rite Temple Assn., J. E. Mitchell, Chmn., Bldg. Comm., selected Alfred C. Finn, Bankers Mort. Bldg., Houston, as architect for temple to replace structure burned at \$250,000 to \$300,000 loss: install Pilcher organ.

Bank and Office

Ala., Birmingham—Edw. D. Slater, Archt., 1047 Martin Bldg., drawing plans for bank and office bldg., Spring St. and First Ave.; steel and conc., 5 stories.

Fla., Jacksonville—Fleischman Co., S. J. Godfrey, local Mgr., 561 Edgewood Ave., plans \$20,000 office bldg., Walnut St. near Fifth St.; 1 story.

Ga., Atlanta—Atlanta Title and Trust Co. Wm. J. Davis, Pres., remodel 5-story build-ing, Pryor St. and Auburn Ave., for quar-ters; \$25,000 to \$50,000.

Miss., McComb - Price & Johnson erect

brick office building; 2 stories, 35x45 ft., rein. conc. foundation, comp. roof, tile and wood floors; Sam Stone, Jr., & Co., Archts., Masonic Temple Bidg., New Orleans, La.

Mo., St. Louis—Chippewa Trust Co., Jefferson Ave. and Chippewa St., O. G. Gossrau, Pres., soon start work on \$200,000 bank building; Bedford limestone, fireproof, 2 stories, 62x118 ft., metal sash; St. Louis Bank Building and Equipment Co., Archt.

N. C., Asheville—Tench Coxe Estate, Wachovia Bank & Trust Co., Trustee, probably start work in few days on \$300,000 to \$350,000 office bldg., 91-93 Patton Ave.; fire-proof, rein. conc., struct. steel and brick, stone trim, conc. and terrazzo floors, built-up roof, high-speed elevators, steam heat. 3-1

Tenn., Memphis—Memphis Branch, Federal Reserve Bank of St. Louis, W. H. Glasgow, local Managing Director, has sketches by Mauran, Russell & Crowell, Archts., Chemical Bldg., St. Louis, Jones & Furbringer, Asso. Archts., Porter Bldg., for \$400,000 bank building, Third St. and Jefferson Ave.; about 80x100 ft.

Tex., Brownwood—Citizens Natl. Bank of Brownwood receives bids Apr. 30 at Coleman, care B. C. Howell and R. I. Bowen, for freproof bank and office building; \$150,000, stone and rein. conc., 50x100 ft., 5 stories, rein. conc. foundation, vapor vacuum heating; David S. Castle Co., Archt.-Engr., Alexander Bldg., Abllene.

ander Bldg., Abilene.

Tex., Coleman — Coleman Office Building Co., B. C. Howell, R. I. Bowen and Sim O'Neal, Sec., Chamber of Commerce, interested. receives bids Apr. 30 for 5-story office building; fireproof, 60x90 ft., \$130,000; David S. Castle Co., Archt., Alexander Bldg., Abilene.

Churches

Ark., Earl—Methodist Church, W. G. English, Chmn., Bldg. Comm., erect \$25,000 brick and stone bldg.; 3 stories, 100x50 ft., stone trim, art glass; Hubert T. McGee, Archt., Fidelity Bk. Bldg., Memphis, Tenn.

Fidelity Bk. Bldg., Memphis, Tenn.

Fla., Miami Beach—Temple Beth Jacob, Harry Levitt, Chmn., Bldg. Comm., erect \$25,000 synagogue, 313 Washington Ave.; rein. conc.; A. Frazier Rose, Archt.

Ga., Buford—First Baptist Church erect \$35,000 Sunday school; brick veneer, wood joists, 3 stories and basement, conc. and hardwood floors, comp. roof; N. Sargent Hamilton, Archt., 719 Wynne-Claughton Bldg., Atlanta.

Ga., Porterdale—Baptist Church. Rev. Mr.

Ga., Porterdale—Baptist Church, Rev. Mr. Blackwell, Pastor, plans \$20,000 building. Ky., Louisville — Walnut Street Baptist Church has permit for \$85,000 building, 2317 W. Broadway. Address The Pastor.

La., Shreveport—Central Christian Church as low bid at \$4489 from H. C. Bellows, City ank Bldg., for Sunday school addition; ones, Roessle, Olschner & Wiener, Archis., rdis Bldg. Jones, Roes Ardis Bldg

Ardis Bldg.

Ky., Mayheld—First Baptist Church lets contract May 15 for church and Sunday school; \$200,000; brick and stone, wood floors, 4 stories, 145x120 ft., conc. foundation. slate and comp. roof; Hart, Freeland & Roberts, Archts., Ind. Life Bldg., Nashville, Tenn.

Md., Baltimore—St. Mary's R. C. Church, Rev. B. A. Hartwell, Pastor, Homeland Ave., plans \$200,000 building, York Rd. near Wood-bourne Ave.; Jos. Evans Sperry, Archt., Cal-vert Bldg.; preliminary drawings, details not determined.

Md., Cumberland — Centre Street M. E. Church has low bid from Geo. T. Hazelwood, MacFarlane Bldg., for \$100,000 parish hall and school; 2 stories and basement; Geo. F. Sansbury, Archt., Citizens Natl. Bank Building.

Building. 4-5
Miss., Brooksville — Methodist Episcopal
Church, Rev. Seamon Rhea, Pastor, erect
\$15,000 brick veneer building; 1 story, 52x80
ft., pine floors, conc. foundation, tile and
comp. roof; Alsop & Callanan, Archts.; H. B.
Hunter, Engr., both U. & P. Bank Bldg.,
Memphis, Tenn. Address Rev. Mr. Rhea,
See Want Section—Building Material and
Equipment.

Miss. Columbus, First Products of Circuit

Miss., Columbus—First Presbyterian Church plans \$50,000 annex. Address The Pastor. Miss., Union—Baptist Church plans build-ing to replace structure damaged by fire. Address The Pastor.

Address The Pastor.

Mo., Caruthersville—First M. E. Church,
Rev. G. A. Shadwick, Pastor, having plans
drawn by Uzzell S. Branson, Farmers Bk.
Bldg., Blytheville, Ark., for \$50,000 church;
brick, 2 stories.

Mo., Clayton, St. Louis—St. Michael and
All Angels P. E. Church, Dr. C. Block, Rector, 6300 Ellenwood Ave., remodel and erect
addition; red stone, 2 stories; Klipstein &

Rathmann, Archts., Security Tr. Bldg., St

N. C., Cullowhee—Baptist Church, Dr. H. T. Hunter, member, Bldg. Comm., plans \$30,000 brick veneer building.

Okla., Holdenville — Roman Catholic Church, Rev. Father Murrtough, Pastor, having plans drawn by H. Gimeno, Norman, for \$25,000 parish house and school; stone, 2 stories and basement, 100x140 ft. 11-17

Okla., Picher-Baptist Church completed plans for building. Address The Pastor.

Tenn., Lookout Mountain—Lookout Mountain Church, John A. Chambliss, chmn.. comm. on plans and finances, erect \$75,000 church and Sunday school; Gothic type. local stone exterior, 1 and 2 stories and basement, L shape, auditorium seat 350; R. H. Hunt Co., Archt., James Bldg., Chattanogga

Tenn., Memphis—Seventh Day Adventist Church, C. A. Cleves, Chmn., Bldg. Comm.. Fidelity Bk. Bldg., erect brick Sunday school addition; 2 stories, about 45x25 ft., wood floors, comp. roof; Hubert T. McGee, Archt., Fidelity Bk. Bldg.

Tenn., Memphis — Holy Trinity P. E. Church erecting \$10,000 building. 1062 Talley St.; brick veneer, 1 story and basement, 30x (3 ft., wood floors, comp. shingle roof, hot water heat. Address The Pastor.

Tex., Beaumont—Park Street Christian Church, Rev. J. D. Armistead, Pastor, ready for blds for bldg., Victoria St. and Washington Blvd.; \$50,000 English Gothic type, 3 storles, auditorium seat 500; Livesay & Wiedemann, Archts., 607 San Jacinton Life Eddor.

Tex., Houston—Church of the Good Shepherd, Clemens Memorial, Bingham and Sabine Sts., Rev. T. J. Windham. Pastor, plans first unit of \$66,000 building, Park View and Houston Ave.

Houston Ave.

Tex., McAllen—Methodist Church have plans ready about May 1 for \$60,000 bldg.: conc. frame, brick or stucco on tile, wood joists and floor; Robt. Vogler, Archt., Lipscomb Bldg., Edinburg.

Tex.. San Marcos—First Baptist Church. Rev. R. L. Powell, Pastor, has low bid at \$31,900 from H. A. Miller to complete bldg.; Will N. Noonan Co., Archt, Bldrs Exch. Bldg., San Antonio.

City and County

Fla., Pensacola—Escambia County Bd. of Supvrs. soon call for bids for \$10,000 court house repairs; W. W. Alfred, Archt., 1011 E Jackson St.

Okla., Enid—City Comsn. may call election May 19 on \$500,000 bonds, including \$60,000 for city hall and \$53,000 for 2 fire stations.

Miss., Lexington—Holmes County Board of Supervisors votes May 4 on \$25,000 for chancery clerk's office and equipment, public record room and repairing courthouse.

Tenn., Knoxville—City Council considers calling election on \$350,000 auditorium bonds.

Tenn., Lewisburg—Marshall County, J. P. Fitzpatrick, Chmn., Bldg. Comm., receives bids May 7 for courthouse; bids on completed job or cost plus basis; plans on file at office E. S. Clayton, Sec., Bldg. Comm., Lewisburg, and may be had from Hart, Freeland & Roberts, Archts., Ind. Life Bldg., Nashville, after Apr. 25.

Tenn. Linden—Perry County Court, R. H. Gray, Judge, plans 2-story and basement brick and cone. courthouse.

Tex., Pampa—Gray County Bd. of Commrs. having plans drawn by W. R. Kaufman for \$200,000 courthouse; fireproof, 3 stories, elevator, vapor-vacuum heat.

Tex., Pelly, Goose Creek—Town, H. S. Leg-ett, Mayor, soon vote on \$30,000 city hall onds; Corneil G. Curtis & Thomas, Archts.,

Tex., Uvalde—City voted \$10,000 community building and tax collector's office bonds. Address City Council.

W. Va., Charleston—City, John H. Renken, Pur. Agt., receives bids May 1 to strengthen foundations of Charleston Museum building; Jas. H. Dingle, City Engr.

Dwellings

Ala., Birmingham—Frank J. Stayton, care Woolard & Lynch, Contrs., 2115 N. First Ave., erect \$10,000 residence, Longdale Rd., Forrest Park; brick veneer, 1 story, comp. roof, furnace.

Ark., Bentonville—J. C. Clayton, care A. O. Clarke, Archt., Rogers, erect \$12,000 brick and stone veneer residence near Bentonville; 2 stories, oak floors, tile bath, comp. or tile roof; bids in.

D. C., Washington-H. C. Ball, 912 15th St., N. W., has permit for 3 brick dwellings, 2202-06 Cathedral Ave., N. W.; 2 stories; \$30,000.

D. C., Washington—Cooley Bros., 927 15th St., N. W., have permit for 12 brick dwellings, 1701-11 D St., N. E., and 327-37 Seventeenth St., N. E.; 2 stories; \$60,000.

D. C., Washington—W. A. Dunigan, 925 15th St., N. W., has permit for 2 brick dwellings, 3719-21 Veazey St., N. W.; 2 stories; ings, 37 \$16,000.

D. C., Washington—H. P. Galentine, 4800 rkansas Ave., N. W., has permit for \$11,500 sidence, 3609 Patterson St.; brick, 2 sto-

D. C., Washington—Hedges & Middleton, 1412 I St., N. W., have permit for 4 dwellings, 4105-11 Thirty-eighth St., N. W.; 2 stories, brick and tile; \$33,000.

D. C., Washington—J. J. James, 4510 Seventh St., N. W., has permit for \$15,000 brick residence, 1204 Kalmia Rd., N. W.; 2 stories.

D. C., Washington—Geo. A. Randolph, 1161 rescent Pl., has permit for \$27,000 tile resince, 2930 Woodland Drive; 2 stories.

D. C., Washington—B. W. Setzer, 3100 Connecticut Ave., has permit for \$10,000 brick and tile residence, 4534 Twenty-ninth St., N. W.; 2 stories.

Fla., Coconut Grove—F. J. Alexander erect residence, Entrada Entrance; Walter C. De Garmo, Archt., 39 S. E. Sixth St., Miami.

Fla., Jasper-Dr. J. H. Corbett erect brick residence; material on ground.

Fla., Miami—H. R. Klein, Realty Bd. Bldg., erect residence, N. E. Sixth Ave. and 59th St.; H. B. Stewart, Archt., Coral Gables; bids in.

Fla., Miami Beach—N. F. Sharpe, care C. LeRoy Kinports, Archt., 3897 Kunquat Ave., Coconut Grove, erect residence, Collins Ave. and 36th St.

Fla., Miami Beach—J. W. Fitzgerald considers erecting 2 dwellings.

Fla, Miami Beach—Hollis Bush, 1110 Biscayne Bk. Bldg., erect stucco and conc. block residence, 2464 Prairie Ave.; 2 stories; Russell Skipton, Archt., 325 S. E. First Place,

Fla., Miami Beach—Fred D. Breit, care Russell Pancoast, Archt., Miami Beach, erect \$25,000 residence, Collins Ave. near Lincoln Rd.; stucco and conc. block, 2 stories, tile and wood floors, tile roof; plans about 30

Fla., Miami Beach—B. M. Beskow erect \$12,500 residence, Rivo Alto.

Fla., Miami Beach—G. W. Wilson erect \$14,500 residence, 53rd St. and Pine Tree

Fla., Miami Beach—Walter O. Briggs, Pres.. Briggs Manufacturing Co., and Chas. Fisher. Vice-Pres., General Motors, Inc., both Detroit, Mich., plan 2 or 3 residences. Indian Creek opp. 50th St.; cost about \$150,000 each.

Fla. Miami Beach—Roy D. Chapin, Chmn. of Bd., Hudson Motor Car Co., Detroit, plans residence; about \$150,000.

Fla., Miami Beach—Gar Wood, Collins Ave. and 55th St., erect \$12,500 dwelling, 2401 N. Bay Rd.

Fla., Palm Beach—Maurice Fatio, care reanor & Fatio, Archts., Plaza Bldg., plans residence

Fla., Palm Beach—Mortimer Schiff erect panish type residence, Via Bellaria; 2 ories; Treanor & Fatio, Archts., Plaza

Fla., Palm Beach-G. A. Haas & J. L. Volk. Archts, Plaza Bidg., nearly completed plans for \$75,000 dwelling; stucco and hollow tile, 12 rooms, 2 stories and basement, tile roof, conc., tile and marble floors; garage and servants' quarters.

Fla., Tampa—Mrs. C. T. Curtis erect \$10,-000 residence, Davis Islands.

000 residence, Davis Islands.

Ga., Atlanta—Martha Waldin, 225 Second Ave., erect \$10,000 duplex, 1180 Oglethorpe Ave., S. W.; 1 story, brick veneer.

Ga., Atlanta—D. W. Denton, 303 Melross Ave., erect 2 dwellings, 2248 Boulevard, N. E., and 1499 Lanier Place, N. E.; brick veneer, frame, 1 story; \$10,000.

Ga., Atlanta—P. B. 'Hopkins, Palmer Bldg., erect 2 brick veneer dwellings, 1400 block Boulevard, N. E.; 2 stories; \$10,000.

Ga., Atlanta—Eugene V. Haynes, Haynes

Ga., Atlanta—Eugene V. Haynes, Haynes Manor, erect \$15,000 residence, Peachtree and Battle Aves.; brick, 2 stories and basement, hardwood and tile floors, tile roof, steam heat; owner builds.

Ga., Columbus—U. R. Lockhart, erect \$12,000 residence; brick veneer, 1 story; plans by C. F. Hickman, Swift Bldg.; W. C. Whitaker, Contr., 1121 First Ave.

Ga., Columbus—T. C. Hudson plans \$20,-00 residence; brick, 2 stories and basement, ardwood and tile, tile or slate roof, steam

Ky., Louisville—Arthur Harris Co., 3575 W. Parkway, reported, plans 360 dwellings and 4 apartments on 68-acre tract, Western Pkwy. near Fourth St.; dwellings \$3000 to \$5000 each; apartments accommodate 4 families each.

Ky., Jenkins—Consolidation Coal Co., Inc. Fairmont, W. Va., H. F. Griffin, Mgr. o Bldgs. and Constr., Dept. of Allied Opera tions, advises has no plans for 200 miners dwellings in immediate future.

Ky., Middlesboro—W. P. Rash erect Co-lonial residence; frame, 2 stories and base-ment; Barber & McMurry, Archts., Tenn. General Bldg., Knoxville, Tenn.

La., Alexandria — J. A. Blackburn erect \$10,000 residence; C. Erroll Barron, Archt., Haas Bldg.; plans ready about May 1.

La., New Orleans-Mrs. J. A. Walter, 7115 Apricot St., erect 2 double cottages, State St. Drive.

La., New Orleans—Carl L. Olschner ere frame residence, Beverly Knoll, Metairie; stories, oak floors, tile roof; Jones, Roess & Olschner, Archts., Maison Blanche Bldg.

La., New Orleans—R. J. Walker, Contr., 2232 Cadiz St., erect double residence, Soniat St. near Freret St.

Md., Baltimore—Talbot J. Albert, Garden Apts., erect \$18,000 brick residence, 1012 Winding Way; 2½ stories, 49x56 ft., slate roof; Buckler & Fenhagen, Archts., 325 N.

Charles St.

Miss., Meridian—J. G. Repsher, care Southeastern Ice Corp., Fifth St., erect \$12,000 residence, 23rd Ave. and 21st St.; hollow tile, brick and stucco, 1 story and basement, 45x63 ft., oak, pine, tile and cone. floors, steam heat; P. J. Krouse, Archt., M. & W. Ridz.; hids in. 45x63 ft., oal steam heat; I Bldg.; bids in.

Mo., Clayton, St. Louis—Fred Wohldman, Florissant St., erect 5 brick dwellings, Page-view St. and Kingsland Page Ave. addition; 24x28 ft. and 24x36 ft.; \$12,000.

24x28 ft. and 24x36 ft.; \$12,000.

Mo., Clayton, St. Louis—John S. Swift,
105 S. Ninth St., erect \$60,000 brick residence, Brentmoor; 2 stories and basement,
about 125x50 ft., oak floors, slate roof, conc,
foundation, stone trim, marble and tile work,
metal lath. leaded glass, vapor heat: incinerator; Chester H. Walcott. Archt., 1510 Tribune
Tower, Chicago, Ill.; bids in.

Mo., Fulton—Carl Dunham plans residence,
Bellamy Springs Rd.

Mo., Kansas City—Wm. B. Jenkins, 48th and Summit Sts., erect chalet type residence, Sunset Drive and Summit St.; drawing plans.

Mo., Kansas City—T. J. Pendergast, 1908
Main St., having plans drawn by E. H. Tanner, Meyer Blvd. and Ward Pkwy., for \$100,000 residence, 57th St and Ward Pkwy.;
brick, 2 stories.

Mo., Kansas City—R. G. Tompkins. care Consumers Material Corp., 912 Midland Bldg., purchased homesite, Pawnee Lane.

Mo., Sappington—Gill & Jackson, Archts., dence, garage and servants' quarters; Adams \$25,000 dwelling Gravois Ave.; brick, 2

Mo., St. Louis—Dr. I. D. Kelley, 32 Portland Place, remodel residence; Jamieson & Spearl, Archts., Arcade Bldg.; bids in.

Mo., St. Louis—T. P. Strelinger, 4448
Maryland Ave., erect \$28,000 residence, 5526
Kingsbury Place; brick, 3 stories, 46x54 ft., asbestos shingle roof, steam heat; McDonald & Condle, Archts., 262 Field Bldg.; W. B. Ivie, Contr., 6208 Wyoming St.

N. C., Asheville—F. T. Walser, 21½ Hay-ood St., erect 2 dwellings and garages, 115-55½ Pennsylvania Ave.; frame, 5 and 6 ooms, comp. roofs, steam and hot air heat;

N. C., Burlington-C. F. Finch probably erect several dwellings.

erect several dwellings.

N. C., Charlotte—Rev. J. G. Garth, 411
Severs Ave., erect \$10,000 residence, 600
Sunnyside Ave.; brick veneer, 10 rooms.

N. C., Durham—Dr. Wilburt Cornell Davison, Dean, School of Medicine, Duke Univ., erect \$25,000 French farmhouse type residence. Hope Valley; painted brick veneer, 5 baths.

Okla., Altus—R. M. Thorp erect \$12,000 residence; brick veneer, 2 stories and basement; Harry Reynolds, Archt., Mercantile Bldg., Oklahoma City.

Okla., Newkirk—G. A. Campbell erect \$20,000 brick residence; 2 stories, 28x41 ft.; J. G. Cannon, Archt., Ponca City.

Okla., Oklahoma City—Baldwin & Bald-rin, Archts., completed plans for \$25,000 welling and garage brick veneer, 2 stories nd basement, 38x65 ft.

Okla., Ponca City—A. R. Snyder, Agt. for onca Indians, erect 20 dwellings; about Ponca India \$2500 each.

S. C., Aiken—Winthrop Rutherford has low bid for \$100,000 residence from H. B. Nelson & Co., Augusta, Ga.; Peabody, Wilson & Brown, 140 E. 39th St., New York, and Scroggs & Ewing, S. F. C. Bidg., Augusta, Archts.

Tenn., Athens—E. G. Fisher erect English type residence; 1 story, brick; Barber & Mc-Murry, Archts., Tenn. General Bldg., Knox-ville.

Tenn., Knoxville—G. T. Pickle erect \$18,000 stucco residence, Keowee Ave., Cherokee Hills; 8 rooms.

Tenn., Memphis—J. R. Farguson, Jr., 635 tozell St., erect \$30,000 residence, Hedge-toor; brick, 2 stories and basement, 89x40 t., oak floors, tile roof, steam heat; Jones Furbringer, Archts., Porter Bldg.; bids in.

Tenn., Memphis—Mrs. Anna W. Layne, 225 Hawthorne St., erect \$15,000 brick veneer duplex, Jefferson Ave. near Edgewood St.; 2 stories and basement, about 36x62 ft.. oak floors, tile baths. steam heat; Estes W. Mann, Archt., Cotton Exch. Bldg.

Tenn., Memphis—W. M. Patterson, Trezerant St., erect 3 wide sliding dwellings, Boyle St. near Trezevant St.; 1 story, oak and pine loors, comp. shingle roof; \$10,000.

Tenn., Memphis—Mrs. C. E. Wessell, 340 Hawthorne St., erect \$15,000 brick veneer duplex, Washington Ave. near Parkway; 2 stories and basement, 62x42 ft., oak floors, tile bath, comp. shingle roof, steam heat; Estes W. Mann, Archt., 203 Cotton Exch.

Bidg.

Tenn., Memphis — T. Thane Smith, 172 Clark Place, considers erecting brick veneer residence, Iroquois Rd., Chickasaw Gardens; 2 stories and basement, oak floors, tile baths, steam heat, garage and servants' quarters; J. Frazier Smith & H. M. Burnham, Archts., Goodwyn Inst. Bldg.

Tenn., Memphis—H. B. Weiss, Hk. of Commerce Bldg., considers erecting \$20 000 brick veneer residence, Lumbardy Place and Garden Lane; 2 stories and basement.

Tex., Austin—C. E. Barrett, 903 W. 26th½ St., has low bid at \$54,900 from J. F. Johnson, E. Third and Red River Sts., for residence, garage and servant's quarters; Adams & Adams, Archts., Real Est. Bldz.

dence, garage and servant's quarters; Adams & Adams, Archts., Real Est. Bldg. 3-15

Tex., Brady—W. I. Myers erect brick, conc. and cast stone residence: 7 rooms; Beverly W. Spillman & Beverly W. Spillman, Jr., Archts.-Engrs., Alamo Bk. Bldg.

Tex., Edinburg-A. F. Buchanan, Jr., erect \$10.000 residence, Enfield Estates.

Tex., Edinburg—J. H. Darby erect \$10,000 residence, Enfield Estates.

Tex., Edinburg—R. T. Harris erect \$10,000 residence, Enfield Estates.

residence, Enfield Estates.

Tex.. Gainesville—Whaley Memorial Methodist Church plans brick veneer parsonage.

Address The Pastor.

Tex.. Harlingen—Sam Willis erect \$18,000 residence: hollow tile, brick, conc., 2 stories, 9 rooms, 3 baths, oak floors, tile roof; W. R. Varner, Archt.

Tex., Houston—C. S. Harrington, Petro-leum Bldg., erect \$12,000 residence, 2408 Rosedale St.; brick veneer, 8 rooms.

Tex., Houston—W. Holla erect brick veneer residence. Wichita and Jackson Sts.; 2 stories, 8 rooms; Chas. P. Jones & Co., Archts., Binz Bldg.

Tex., Houston—J. P. Lawrenson erect 2 brick veneer dwellings, 1807-11 Branard St.; 10 rooms; \$20,000.

Tex., Houston—Ben F. Levy plans residence, Richmond Rd.

dence, Richmond Rd.

Tex., Houston—H. H. Yates, Humble Bldg., erect \$12,000 residence, 2203 Troon Rd.; brick veneer, 8 rooms.

Tex., Procress—Mrs. Eugenia W. Karpen, care Lloyd E. Mellor, Archt., Harlingen, erect \$13,000 residence: hollow tile, stucco, 1 story, 6 rooms, oak floors, conc. foundation, tile roof.

Tex., San Antonio—S. L. Bethea, 418 W. French Place, erect \$40,000 residence; tile and stucco, 2 stories, 10 rooms; Russell Brown Co., Contr., Milam Bldg.

Tex., San Antonio—Walter Negley, care Albaugh & Steinbomer, Supvg. Archts., Real Est. Bldg., San Antonio, erect natural stone

and rein. conc. residence, Olmos Park Estates; 2 stories, 94.10x75.9 ft., tile roof; Geo. Louis Walling, Archt., Austin.

Tex., San Antonio—H. A. Pagenkoff, City Natl. Bk. Bldg., let contract at \$23,810 to John Westerboff, 524 School St., for Georgian type residence, Elsmere St. near Howard St.; brick and hollow tile, 2 stories; John Mar-riott, Archt., Frost Bldg.

Tex., San Saba-Ira G. Yates plans ranch

Va., Richmond—Harry B. Johnson, 709 N. Boulevard, erect 4 brick dwellings, 3110-16 Grove Ave.; \$24,000.

Government and State

Ala., Birmingham — Following contractors estimating on completing attic story, post office and courthouse, bids May 8 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C.: English Construction Co., 1311 H St., N. W.; Smythe & Co., 1415 F St., N. W., both Washington; Devault & Deitrick, Canton, O.; Wm. MacDonald Construction Co., Syn. Tr. Bldg., St. Louis, Mo.

Donald Construction Co., Syn. Tr. Bldg., St. Louis, Mo. 4-19
D. C., Washington—Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., receives bids May 21 for foundations, etc., for \$10,000,000 building for United States Bureau of Internal Revenue; work includes excavation, conc. pile foundations of about 7000 piles, rein. conc. pile capping, footings and foundation walls, waterproofing, dampproofing, etc., for building about 185,000 sq. ft. ground area; structure to be 450x400 ft., 5 stories to entablature with sixth story back of roof balustrade; Edw. H. Bennett, Consit. Archt., 80 E. Jackson Bivd., Chicago, Ill.; contract for wrecking buildings on site let to J. H. Shartzer, Dayton, O., at \$4300.

D. C., Washington—Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., has low bid at \$15,490 from G. H. Shartzer, Dayton, O. for preliminary excavation for \$17,000,000 Department of Commerce bidg.; York & Sawyer, Archts., 100 E. 42nd St., N. W.; Edw. H. Bennett, Consit. Archt., 80 E. Jackson Bivd., Chicago, Ill.

Ga., Fort Benning—Constructing Quartermaster, Light W. M. Allison has low bid at great and the state of the stat

Blvd., Chicago, Ill.

Ga., Fort Benning—Constructing Quartermaster, Lieut. W. M. Allison, has low bid at \$323,000 from Murch Bros. Construction Co., Ry. Exch. Bldg., St. Louis, Mo., for sections F and G of Cuartel Barracks, and at \$138,450 from Palmer-Spivey Construction Co., Thrower Bldg., Atlanta, Ga., for Ward Bldgs. Nos. 1 and 2 and connecting corridors A and B, Post hospital.

Ga. Evert Renning—Constructing Ouester.

Ga., Fort Benning—Constructing Quartermaster, Lieut. W. M. Allison, Fort Benning, receives bids May 7 for steel water storage standpipe, 1,000,000 gal., conc. foundation, 50x70 ft.; install valves, blow-off and connections with Post system.

Mo., Jefferson City—Missouri State Highway Comn., T. H. Cutler, Ch. Engr., receives bids Apr. 30 for fourth floor addition to Highway Dept. Bldg., including plumbing, drainage and water supply, heating, elect. work and misc. items.

Tex., Palacios—United States Property and Disbursing Officer for Texas, Camp Mabry, Austin, receives bids Apr. 27 for 4 combined kitchens and mess halls, 1 incinerator, 1 officers' latrine, solid storm doors and lock and laying shell floors in 115 mess halls, Texas National Guard Camp.

Va., Quantico — Navy Dept., Bureau of Yards and Docks, Washington, D. C., probably soon call for bids for second unit of work, Marine Barracks; includes 7 apartment buildings, disciplinary barracks, storehouse, motor-transport building, power plant and bakery; \$1,200,000.

Hospitals, Sanitariums, Etc.

Hospitals, Sanitariums, Etc.

Ala., Birmingham—Jefferson County Bd. of Revenue, Lacey Edmundson, Chma., have plans about ready for \$150,000 nurses' and internes' home, Hillman Hospital; rein. conc., brick, stone trim, 5 stories and basement, tile, terrazzo and conc. floors, built-up roof: Harry B. Wheelock, Archt., Steiner Bidg. 1-19

Ga., Brunswick—City receiving bids for semi-fireproof hospital addition; \$75,000; brick and concrete, 3 stories and basement, 72x39 ft., fireproof stairs, 1 Otis elevator; Daniell & Beutell, Archts., Healey Bidg., Atlanta; following contractors estimating: Artley Construction Co., 504 E. Bay St., Savanuah, Ga.; Grahn Construction Co., Jacksonville, Fla., and Atlanta, Ga.; R. N. McEachern, Douglas, Ga.; Arthur F. Perry, Jr., 214 Avondale Ave.; O. P. Woodcock, Duval Bidg.; D. D. Thomas & Son, Lutz Bidg., all Jacksonville: Eau Galile Construction Co., Eau Galile, Fla.

Md., Baltimore—Home for Incurables, Mrs. Alor. C. Norse.

Md., Baltimore—Home for Incurables, M Aiex. C. Nelson, Chmn., Bd. of Mgrs., 814

Charles St., has tentative plans by W. W. Emmart, Union Tr. Bldg., for \$130,000 wing, 40th St. and Cedar Ave.; brick, conc. and steel, 4 stories, slate roof, extend present heating plant.

Miss., Canton—King's Daughters Hospital of Madison County receives bids May 8 for rein. conc., brick and stone trim hospital; \$30,000, 2 stories, rein. conc. foundation, wood, tile and rubber floors, comp. roof; Claude H. Lindsley, Archt., Lamar Life Bldg., Jackson.

Mo., Kirkwood, St. Louis—F. J. Gould, 620 Pearl St., Interested in colored hospital and old folks' home.

Mo., St. Louis — Washington University, Mr. Marriott, Dean of School of Medicine, having plans drawn by Jamieson & Spearl, Arcade Bldg., for \$1,000,000 eye, ear, nose and throat hospital, provided for by bequest; to be part of hopital group; probably start work about 1 year.

N. C., Huntersville—Mecklenburg County, R. N. Hood, Chmn., Courthouse, Charlotte, received bids Apr. 26 for children's annex, Mecklenburg Sanatorium; ordinary type, 1 story, 40x80 ft., pine and tile floors, conc. foundation, slate roof, \$30,000; Louis H. Asbury, Archt., 1514 E. Fourth St., Charlotte.

Okla., Holdenville — W. E. Floyd erect \$165,000 hospital; brick, 2 stories and base-ment, 50x142 ft.; Guy Reid, Archt., Magnolia Bldg., Oklahoma City.

Didg. Oklahoma City.

Okla., Muskogee—United States Veterans'
Bureau, Frank T. Hines, Director, Arlington Bldg., Washington, D. C., has low bid at
\$14,885 from Henry Vogel, 1518 W. Okmulgee
St., Muskogee, for alterations to receiving
and main bldgs., U. S. Veterans' Hospital.

4-12

Okla., Oklahoma City—St. Anthony's Hospital remodel interior; \$25,000; Monnot & Reid, Archts., Magnolia Bldg.

S. C., Spartanburg—Spartanburg County erect tuberculosis hospital and negro hospital adjoining General Hospital; \$175,000. Address Dr. Beeler, Supt., General Hospital. Tenn., Knoxville—City, Otto Roehl, City Mgr., plans bldg. for Health Center.

Tenn., Nashville—Nashville General Hospital receives bids Apr. 23 to remodel kitchen and dining room; plans from Asmus & Clark, Archts., Nash. Tr. Bldg.

Archts., Nash. Tr. Bldg.

Tex.. Beaumont — Jefferson County votes
May 19 (lately noted May 5) on \$75,000
tuberculosis hospital addition bonds. 4-5

Tex., Temple—Scott & White Hospital erect
50-room annex; rein. conc., steel and hollow
tile, stone cornices, 100x54 ft., 2 stories;
\$50,000 to \$75,000; Bob Love razing bldgs.
on site.

2-2

Hotels and Apartments

Ark., Fordyce—Roy Kilgore receives blds bout May 15 for Kilgore Hotel; 3 stories ad basement, S0x140 ft., fireproof, brick, ruc. steel, iron, built-up roof, conc. floors; hompson, Sanders & Ginocchio, Archts., Hall ldg., Little Rock.

D. C., Brookland, Washington—Dewey & Co. erect \$300,000 Brookland Club Apartments, 12th and Perry Sts., N. E.; Spanish type, 107 ft. frontage, 27 suites, 6 stores; Maurice F. Moore, Archt., Colorado Bldg.

Fin., Boca Raton—Spanish River Land Co C H. Geist, Mgr., Post Office Bldg., Paln Beach, reported, soon call for bids for 3 o 4 wings to hotel; 400 rooms; Schultze & Weaver, Archts., 17 E. 49th St., New York

Fla., Jacksonville—I. M. Cox, Valdosta, Ga., has low bid from O. P. Woodcock, Lutz Bldg., for remodeling Cox Apartments; \$25,-

Ga., Savannah—Savannah Hotel erect 65x 183-ft. addition; rein. conc. and struc. stel frame, brick and stone, comp. roof, hollow tile, steam heat; E. W. Syme, Archt., 1406 G St., N. W., Washington, D. C.

La., Monroe—S. K. Heninger, 1312 N. Third St., erect \$30,000, 40-room hotel, DeSiard St.; 3 stories, brick, 3 stores.

Mo., Kansas City—T. B. Baker, San An-mio, Tex., reported, erect hotel, 13th and

Main Sts.

Mo., Kansas City—Minkin Development Co., 1123 Gloyd Bldg., erect two 4-story, 44x101 ft., brick apartments, 432-34 and 436-38 W. 47th St.; \$120,000.

N. C., Durham—C. W. Sampson, Gregson and Dacien Aves., has permit for \$75,000 apartment, Trinity Ave. and Duke St.

N. C., Winston-Salem—J. F. Smithdeal, 1183 W. Fourth St., has permit for three 4-family apartments, Underwood Ave.; \$10,000.

Okla., Chickasha—F. C. Hall and Pewell Briscoe erect \$150,000 7-story hotel.

Okla., Durant-L. F. Lee, Clarence Dynd Sam Swinney erect 4-story, 110-roo hotel.

Okla., McAlester—Clarence Doss, reported, abandoned plan for \$250,000 hotel, Second and Choctaw St.

Tenn., Chattanooga—Fred Robinson, Inc., 709 Chestnut St., Fred Robinson, Pres., soon call for bids for \$75,000, 3-story, 40x90-ft., freproof addition to Robinson Apartments, 620-22 Georgia Ave.; terrazzo floors, steel rein. framework, elec. refrigeration, built-in cabinets, ironing boards; W. H. Sears, Archt., James Bldg.

James Bldg.

Tenn., Dyersburg—W. E. White and C. L. Walker of W. E. White & Co., Fidelity Bk. Bldg., Memphis, plan to start work in 30 days on \$325,000 Hotel Dyersburg; 6 stories, 100 rooms with private bath, marble front to second floor, faced with brick to roof, terra cotta finish at top; George Mahan, Jr., Archt., Amer. Bk. Bldg., Memphis.

Tenn., Knoxville—National Park Hotel Co., Fred Baumann, Pres., erect \$100,000 hotel, J. Fred P. State St.

Tex., Childress—Chamber of Commerce promoting erection 5-story hotel.
Tex., Dallas—E. W. Morten and C. A. Mangold, Jefferson Hotel, reported, erect 12-story hotel, Main and Martin Sts.

Tex., Junction—A. E. Loeffler erect \$35,000, 2-story, 20-room, brick, conc., stucco, cast stone trim hotel addition; Adams & Adams, Archts., 1010-15 Real Estate Bldg., San Antonio.

Tex., Plainview—Wm. C. Witt and Associates, 3308 Oak St., Dallas, signed contract with R. A. Underwood, P. J. Wooldridge, trustees for group of Plainview citizens, for \$500,000, 9-story, 100x140-ft., 150-room hotel, Eight and Broadway; work to begin in 30 days; Wyatt C. Hedrick, Archt., First Nat'l Bk. Bldg., Fort Worth.

Bk. Bidg., Fort Worth.

Tex., San Angelo—H. H. Ray and A. S. Willick soon let contract for \$100,000, 3-story, brick, terra cotta and struc. steel hotel. College and Chadbourne Sts.; elevators; John G. Becker, Archt.; T. J. Settles, Amarillo,

Lessee.

Tex., San Angelo—West Texas Lumber Co., B. B. Hail, Pres., reported, receives bids May 15 for Hilton Hotel, 14 stories, \$1,000,000; Anton F. Korn, Jr., Archt., Thomas Bidg., Dallas; B. M. Morgan, Asso. Archt., San Angelo Natl. Bank Bidg.; Hilton Hotel Co., Dallas, lease structure.

Tex., Wills Point—H. Gilchrist, Chmp., Comm., organizing stock company to erect 2-story fireproof hotel.

Va., Bedford-W. R. Phelps, Chmn. Comm., promoting erection hotel.

Miscellaneous

Ark., Fayetteville — Fayetteville Country Club erect clubhouse on South Mountain: Max Mayer, Archt., Donaghey Bldg., Little

Ark., Hot Springs—Hot Springs Golf and Country Club, Harry A. Jones, Pres., erect \$100,000, 2-story clubhouse; Geo. Mann. Wanger King, Archts., A. O. U. W. Bldg., Little Rock.

Little Rock. 4-19
D. C., Washington—Phi Gamma Delta College Fraternity, Geo. F. Snyder, Intl. Sec., Otis Bldg., purchased site at 16th and U Sts., N. W., for \$295,000 international headquarters temple; Grecian design, 3 stories, Intl. Sec., Intl.

sional Bldg.

Fla., Tampa—City Markets, Waylan Rupert, erect 2-story, 105x109-ft. market building, Morgan and Zack Sts.; \$32,000. conc. floors; G. Herbert French, Archt., 308 Cass St.

Ga., Brunswick—Presbyterian Conference Grounds. Inc., Rev. T. W. Simpson, plans four 2-story dormitorles, central building for classrooms, dining hall and conferences; \$100,000; Atwood & Nash, Archts., 401 Trust Bldg., Durham, N. C.

Ga., Eden—Oglethorpe County Club, E. F. Scott, Sanannah, soon let contract for clubhouse on Dixie Overland Highway.

La., New Orleans—Favrot & Livaudais, Archts., Hibernia Bank Bldg., receives bids May 1 for 2-story, 31x61 ft., frame mortuary

parlor on City Park Ave for Bultman Mortuary Service, Inc.; slate and comp. roof, tile floors, gas steam heat.

La., New Orleans—New Orleans Levee Bd., Jos. Haspel, Pres, instructed R. B. Kohnke, Act. Ch. Engr., to advertise for bids for bathhouse with 600 private compartments and other concession buildings along beach of Lake Pontchartrain.

Miss., Oxford — Bramlett's Hunting and Fishing Club, Dr. A. C. Bramlett, Pres., erect clubhouse on Harper Mathis planta-

Mo., Kansas City—Stine-McClure Undertaking Co., 924 Oak St., W. G. Pearson, Pres., erect building on Robert Gilliam road extention south of Linwood Blvd.

Mo., St. Charles—Carmelita Sisters, 721 W. Clay St., St. Louis, soon call for bids for \$75,000, brick Home for Aged; Widmer Engineering Co., Archt., Roosevelt Hotel Bldg., St. Louis.

Mo., St. Louis—Catholic High School Assn. of St. Louis Diocese erect \$100,000 home for Brothers of Society of Mary, 1905 N. Kings-highway Blvd.

Okla., Marland—Marland Oil Co., E. W. Marland, erect \$100,000 studio; J. D. Forsythe, Archt., Ponca City.

Tex., Houston-Woman's Building Bd. of Directors, Mrs. H. M. Garwood, Pres., plans clubhouse.

Tex., San Antonio—Witte Memorial Museum, Mrs. Henry Drought, 529 Oakland St.. Chmn., Bldg. Comm., plans 2-story addition and improvements; \$25,000; Ayres & Ayres. Archts., Bedell Bldg.

Schools

Ala., Greenville — Butler County Bd. of Education receives bids May 1 for school at Forest Home and school addition at Center Hill.

Ga., Americus — New Era School Dist... Sumter County, reported, votes April 30 on \$20,000 bonds.

Ga., Athens—University of Georgia, Dean. S. V. Sanford, Chmn., Athletic Comm., receives bids May 1 for \$200,000 stadium; seat 30,000; Capt. J. W. Barnett, Supervising Engr.; Atwood & Nash, Archts.-Engrs.. Chapel Hill, N. C.

Ga., Cairo—Cairo School Dist. voted \$40,-10 bonds; erect 10-room school. 3-29 Ga., Leesburg—Lee County Bd. of Educa-on, S. J. Powell, Supt., receives bids May 8 tion, S. J. Powell, Sup for 4-classroom school.

Ga., Lincolnton-School Bd. erect high school addition.

school addition.
Ga., Savannah—City Board of Education.
O. B. Strong, Supt., soon call for bids for \$175,000, 3-story, rein. conc., brick, stone trim school; conc., tile, terrazzo floors, built-up roof, steam heat; Levy & Clark, Archts.

Ga.. Thomson—School Board erect brick eneer school; Wm. J. J. Chase, Archt., 140 eachtree St., Atlanta.

reacntree St., Atlanta.

Ky., Danville—Boyle County Bd. of Education instructed Frankel & Curtis, Archts., 401
Hernando Bldg., Lexington, to prepare plans and call for bids April 27 for \$20,000, brick school; 6 classrooms, auditorium and gymnasium.

Ky., Louisville—Jefferson School of Law, C. E. Schindler, Pres., plans \$100,000 build-ing, Broadway.

La., Natchitoches—School Bd., Dist. No. 4. E. A. Lee, Sec., plans \$30,000, one-story brick school; J. W. Smith & Associates, Ouachita Natl. Bk. Bldg., Monroe, probable architects.

La. New Orleans—Orleans Parish School Bd., City Hall Annex, receives bids May 10 for one-story and basement, 10-room, frame addition and improvements to McCarthy School; plans at office E. A. Christy, City Archt.

Archt.

La., New Orleans—Tulane University has low bid at \$26,350 from Lionel F. Favret. La. Bldg., for lockers, rest rooms, showers under stadium; Emile Weil, Inc., Archt. Whitney Bank Bldg.

La., Shreveport—Dodd College receives bids April 30 for \$90,000, rein. conc., brick dormitory; stone trim, slate roof; Clarence W. King, Archt., Glddens-Lane Bldg. 3-29

Md. Silver, Spring—Lutherson Women's

W. King, Archt., Giddens-Lane Bldg. 3-29
Md., Silver Spring—Lutheran Women's
College, Rev. J. Henry Harms, Pres., Philadelphia, purchased 189-acre site, Georgia
Ave. pike and Kensington road, Montgomery
County, for \$3,500,000 institution; first unit
to include administration building, dormitory,
gymnasium, science building, commons and
central heating plant, \$750,000; Col. P. M.
Anderson, Archt.-Engr., Investment Building., Washington, D. C.; Dr. G. E. Diffender-

fer, Luther Place Memorial Church, Washington, Chmn. Bd. of Trustees.

Miss., Bay Springs—Jasper County Agri-cultural High School Trustees receive bids May 5 for boys dormitory to replace burned structure. 1-26 structure.

Miss., Biloxi—School Bd., A. L. May, Supt., receives bids May 15 for \$80,000, 2-story, 14-room, rein. conc., brick, stone trim building to replace Howard No. 2 School: built-up comp. roof, struc. steel and iron work, auditorium to seat 600; plans at office Carl Matthes, Archi.

Miss., McNeill—Pearl River County Bd. of Education, A. B. Nicholson, Supt., receives bids April 28 for one-story brick vocational school; E. C. Hearon & Sons, Archts.. 2011/2 W. Pine St., Hattiesburg.

Miss., Meridian—Lauderdale County votes ay 4 on \$50,000 bonds for schools, teachers' omes and improvements.

Miss Moselle—Jones County Board of Education, J. M. Bryant, Supt., Laurel, receives bids May 8 for one-story, 131x147-ft., rein. conc., brick school; built-up roof, struct, steel, sheet metal and iron work; E. C. Hearon & Sons, Archts., 12½ W. Pine St., Hattiesburg. Hearon & S Hattiesburg.

Miss., Newton—School Bd. erect \$10,000, one-story frame school and teachers' home; P. J. Krouse, Archt., M. & W. Bidg., Meridian.

Miss., Ruleville—Town votes April 30 on \$30,000 school bonds.

Miss., Union—City votes April 27 \$15,000 bond for Union High School annex

Miss., West Point—School Bd. receives bids May 14 for \$150,000, 2-story and basement, rein. conc., brick and stone trim high school; comp. roof, struc. steel, misc. iron, wood floors, steam heat; plans at office George Mahan, Jr., Archt., Am. Bk. Bldg., Memphis, Tenn.

Mo., Holden—Bd. of Education erect \$80. 10 grade and high school; Owen, Saylor & 11 yson, Archts., 505 Interstate Bidg., Kansas

Mo., Marshall—Bd. of Education erect \$40,-000, one-story, brick grade school; Owens, Saylor & Payson, Archts, 505 Interstate Bildg., Kansas City.

Mo., Orrick—Bd. of Education, F. M. Sanderson, Clk., erect \$45,000, one-story brick grade and high school; H. D. Pampel, Archt, Finance Bldg., Kansas City.

Mo.. Springfield—Southwest State Teachers' College, Dr. Roy Ellis, Pres., remodel basement Administration building for cafeteria, \$22.500; repair old Greenwood building for Conservatory of Music, \$5000; also plans \$200,000, 2-story Health and Recreation building

ing for Conservatory of Music, \$5000: also plans \$200,000, 2-story Health and Recreation building.

Mo., St. Louis—Ladies of Sacred Heart, Rev. Mother M. Reid, erect group of buildings on 40-acre site at Conway and Spoede roads for Villa Duchesne School for Girls; O'Meara & Hills, Archts., Arcade Bidg.: H. V. Feehan, Landscape Archt.

4-28-27

C. Sanatorium—Hake County Board of

N. C., Sanatorium—Hoke County Board of Education, Jesse Gibson, Chmn., Raeford, receives bids April 27 for brick and frame school at Montrose Ashley Heights; plans at office L. N. Boney, Archt., Murchison Bidg., Wilmington.

N. C., Waynesville—Haywood County Bd. Education. W. C. Allen, Supt., erect 6-om consolidated school in Cecil township; native stone

Okla., Antiers—Catholic Indian Mission School erect \$20,000 brick and conc. addi-tion; comp. roof, wood floors; C. L. Monnot, Archt., 1304 W. Tenth St., Oklahoma City.

Okla., Valiant—School Board remodel school; \$20,000; Smith & Proeger, Archts., Paris.

Okla., Verdigris—Town voted \$15,000 high school bonds; H. E. Carlisle, Rogers County Supt., Claremore.

Supt., Claremore.

Tenn., Knoxville—University of Tennessee,
Thos. D. Morris, Sec., receives bids May 9
for \$170,000, rein. conc., tile and brick laboratory building for Dept. of Physics and
Geology; bids on general contract separately
and including plumbing, heating and electric
work, and separate proposals for plumbing,
heating and electric work; plans. office Barber
& McMurry, Archts., General Bidg.

Tenn., Lynchburg—Moore County School

Tenn., Lynchburg—Moore County School Bd. erect buildings at Buckeye, Ridenville and Hickory Hill; remodel Liberty Hill

Tenn., Memphis—Shelby County Board of Education, John Aycock, Pres., erect \$100,-000, 3-story, brick, rein. conc. building to replace Levi grammar school recently burned; built-up roof, terrazzo and tile floors, steam heat.

Tex., Alvin—Alvin Ind. School Dist. Trustees considering bond election for one-story. S-room high school and improving present building for grammar school; \$50,000 to

Tex., Belton—Baylor College, Dr. J. C. Hardy, Pres., considering erecting \$100,000 music building.

Tex., Bonham-City voted \$50,000 school

Tex., Edna—Ind. School Dist. votes May 5 1 \$65,000 high school bonds.

Tex., Houston—School Bd. erect \$425,000 school west of Southwood addition between Rosedale and Southmore Blvds.

Tex., Kenedy—Kenedy Ind. School Dist. Trustees erect 4-room addition and remodel grammar school, install heating system; Will N. Noonan Co., Archts., Builders Exchange Bldg., San Antonio.

Tex., Leander — School Trustees, F. I. Poole, Pres., Georgetown, receives bids Apr. 30 for 4-room addition and remodeling school; \$15,000; brick, comp. roof, wood floors; Page Bros., Archts., 348 Austin Natl. Bank Bldg., Austin.

Tex., Pasadena— Ind. School Dist. Trustees erect auditorium and gymnasium at high school, install heating system in elementary and high school buildings; \$100,000 bonds voted.

Tex., Plainview—School Bd., Winfield Holbrook, Pres., erect ward school.

Tex., Rock Springs—Rock Springs Ind. School Dist. Trustees erect \$12,000, one-story, hollow tile, stucco and conc. school; Will N. Noonan Co., Archt., Builders Exch. Bldg., San Antonio.

Tex., San Angelo—School Bd., Felix E. Smith, Supt., receives bids May 10 for \$40,000, 2-story, rein. conc. and brick vocational and cafeteria building; mechanical under separate contracts; Phelps & Dewees, Archis., Gunter Bidg., San Antonio.

Tex., San Antonio—Alama Heights School.

Gunter Bldg., San Antonio.

Tex., San Antonio—Alamo Heights School Board, Albert Steves, Jr., Pres., erect 19-room elementary school; manual training department in basement; also 12-room junior high school; library, home economics, main auditorium with balcony to seat 1100, combination stage and gymnasium, cafeteria, covered passages connecting buildings, heating plant for group of buildings; both brick, rein. conc. frame hollow tile; Harvey P. Smith, Archt., Natl. Bank of Com. Bldg. 3-15

Tex.. Sweetwater—School Trustees. C. R.

Tex., Sweetwater—School Trustees, C. R. Simmons, Pres., erect \$20,000, brick ward school addition; Page Bros., Archts., 348 Natl. Bank Bldg., Austin; opens bids April 26.

Tex., Yoakum—Catholic Church erect \$80, 000, 2-story, brick, rein. conc. school; Leo. M. J. Deilmann, Archt.. 306 E. Commerce St., San Antonio; open bids May 3.

W. Va., Buckhannon—West Virginia Wes-leyan College erect \$75,000 Agnes Howard Hall addition.

Hall addition.

W. Va., Warwood—Richland Dist. Bd. of Education, H. A. Smith, Sec., receives bids May 1 for high school gymnasium; plans, office G. B. Cunningham, 318 Central Union Trust Bldg., Wheeling.

W. Va., Huntington—Chamber of Commerce promoting erection school for garment workers; H. A. Zeller, Chmn. Comm.

Stores

Ark., Little Rock—L. E. Whitemore, Donaghey Bldg., erect \$10,000, brick store, 1728 Wright Ave.

D. C., Washington—Chas. J. Yingling, 71
19th St. N. W., erect \$10,000, 3-story, bric
and tile addition, 714 19th St. N. W.

Fla., Miami Beach—Fred Todd erect addition and remodel 2-story building, 5700 Collins Ave.; \$20,000; Robt. Taylor, Archt., 325 Espanola Way.

Espanola Way.

Ga., Atlanta — White Provision Co., 55 Central Ave., soon call for bids for 2-story and basement brick store and office Hunter St.; comp. roof, steel sash and doors, cold storage equipment; R. Kennon Perry, Archt., Wynne-Claughton Bldg.

Ga., Griffin—S. W. and Herman Goldstein receive bids May 15 for \$60,000, 5-story, 90x35-ft., conc. and steel store and office; conc. floors, comp. roof; Frazler & Boding, Archts., Candler Bldg., Atlanta.

Ky., Louisville—Theater Realty Co., re-

Ky., Louisville—Theater Realty Co., reported, soon call for bids for \$200,000, 4-story and basement, 132x72 ft. office and store, 4th St., between Chestnut and Broadway; Clarence H. Stinson, Inter-Southern Bidg., and Carl J. Epping, Archts., 625 S. Third Sts.

Ky., Louisville-F. Q. Drybrough has per-

mit for \$35,000 office and commercial building, 620-22 S. 3d St.

La., Shreveport—O. O. Brocato, 200 Marshall St., soon call for bids for \$12,000, 30x 75-ft., 2-story brick store and apartment, Ford St. and Allen Ave.

Md., Baltimore—Dr. Martin F. Sloan, Med. Arts Bldg., considering erecting \$175,000. 5-story and basement department store, 300-02 N. Howard St.; 40x120 ft., steel frame, possibly brick or cone.; Smith & May, Calvert Bldg., prepared tentative plans.

Miss., Kosciusko—Warren Potts, Mercha and Farmers Bank, receives bids May 8 erecting store front.

Miss., Laurel—Fine Bros. & Mattison, 300 rout St., receive bids May 1 for \$100,000, story and mezzanine, brick, steel, limestone rim store; tile, terrazzo and marble floors, prinkler system, elevators; P. J. Krouse, sprinkler system, elevators; P. Archt., M. & W. Bldg., Meridian.

Mo., Poplar Bluff.—G. W. Dalton erect \$155,000, 4-story, rein. conc. building to re-place burned structure.

Mo., St. Louis—Eastman Kodak Stores. Inc., 343 Slate St., Rochester, N. Y., erect \$90,000 store and office bldg., 1009 Olive St.; 4 stories, brick; Klipstein & Rathmann. Archts., Security Tr. Bldg., St. Louis; bids about May 1.

N. C., Charlotte—E. S. Reid, Jr., 219 N. Tyron St., erect \$15,000, 2-story, stone and tile store-apartment building, 212-14 Providence road.

N. C., Monroe-J. R. Shute, Sr., 4 buildings Franklin St.; also building on Blair prop-

N. C., Monroe-Bowle & Winchester erect building.

Okla., Newkirk-W. W. Klein remoctores; \$20,000; G. J. Cannon, Archt., P

Okla., Wilburton—Briggs, Cook & Harris o. erect \$100,000, 150x140 ft., brick and tile

Okla., Woodward—Albert Nashelskey erect \$25,000 store; 75x70 ft., rein. conc., brick; Schmidt, Boucher & Overend, Archts., Wich-ita, Kan.

Tenn., Chattanooga—Tennessee Realty Co. has permit for \$35,000, 2-story brick build-ing, McCallie St., between Willow and Kelly

Tex., Austin-Montgomery Ward & Co., Chicago, reported, plan branch store.

Tex., Beaumont—Thos. Lombardo, 1184 College St., erect business building on Main

Tex., Corpus Christi—Geo. Hurder, Weimer, Tex., and Kennedy Rogers, Fort Worth. erect \$25,000, one-story, 100x80 ft., brick, tile. rein. conc. face brick store, Leopard & Lanachua Sts.; cast stone trim, built-up roof. wood floors, hollow tile, metal store fronts; Dielmann & Levy, Archts., 216 Firman Bldg.

Tex., Cuero—Werner and Arthur Fischer erect one-story, brick building to be occupied by John C. Ley Cash and Carry Store.

Tex., Houston—Wm. H. Olschewske, Post-Dispatch Bldg., erect one-story, 100x104-ft. brick building, Preston and Louisiana Sts.

Tex., Houston—The Furman Co., 21 Shepherd Bldg., Leo. M. Furman, Pres., erect \$70,000, 2-story, fireproof, brick and stone building.

Tex., Lockhart—Chas. A. Ploeger remodel First National Bank building for drug store; 2 stories, brick.

Tex., Plainview—Fulton Lumber Co., J. A. Williamson, Mgr., erect several buildings. Third and Broadway.

Tex., San Angelo—Baker Hemphill erect \$200,000, 5-story, brick, stone and rein. conc. department store; Anton F. Korn, Archt., \$16 Thomas Bidg., Dallas; B. M. Morgan, Asso. Archt., San Angelo Natl. Bank Bldg.

Asso. Archt., San Angelo Natl. Bank Bldg.
Tex., San Angelo—A. S. Gantt, Gunter
Bldg., San Antonio, erect 2-story, brick addition and remodel 2-story store; Phelps &
Dewess, Archts., Gunter Bldg., San Antonio.
Tex., San Antonio—Martin-Navarro Co.,
Elmer A. Dittmar, City Natl. Bk. Bldg., reported, erect commercial building, Navarro,
Pecan and Martin Sts.
Tex., San Antonio—Theodore Magott, S12
E. Commerce St., erect \$20,000, one-story,
brick, conc. store, E. Commerce St.; Leo. M.
J. Dielmann, Archt., 306 E. Commerce St.
Va. Richmond—W. H. Jenks. 621 E. Main

Va., Richmond—W. H. Jenks, 621 E. Main L., has permit for \$30,000 brick store, 308 Grace St.

W. Va., Bluefield—Montgomery Ward & Co., F. W. Jameson, Mgr., Chicago, leased 4 floors and basement of Honaker Bldg.; remodel for store.

W. Va., Huntington—Sears, Roebuck & Co., Chicago, leased part of building, 821-23 Fourth Ave.; will remodel for tire and auto-mobile accessory store; 15,000 sq. ft. space.

Theaters

Miss., Picayune—Lockett & Cachere, Balter Bldg., New Orleans, La., receive bids May 9 for 2-story, 140x140-ft., brick, hollow tile and steel theater, store and office building for Mrs. Jennie D'Antoni.

Tex., Del Rio-Princess Theater, P. J. Pong, gr., erect \$150,000, 4-story theater; seat

1500.

Va., Roanoke—Enterprise Theater Co., 119
Campbell Ave., has low bid at \$341,647 from
D. J. Phipps for 120x110 ft., brick, steel,
conc. theater; seat 2500; Milburn, Heister
Co., Archts., Hill Bldg., Washington, D. C.

Warehouses

Fla., W. Palm Beach—See Ice and Cold Storage Plants.

Ga., Baxley-Appling Tobacco Co. enlarge

Okla., Apache—A. Johnston, Buildings and Construction, Ford Motor Co., Fordson, Mich., advises regarding proposed warehouse: "This office has no knowledge of any such building being erected by Ford Motor Co."

4-12

Tex., Houston—A. Schlosser, 1713 Anita St., erect one-story brick warehouse, 2318 Congress Ave.

Tex., Houston—Waddell's Home Furnishing Co., 1102 Prairie Ave., has permit for \$25,000 warehouse, \$12 Sampson St.

Tex., Los Fresnos—Aldridge-Heilscher Implement Co., Brownsville, erect one-story, 50x120 ft., hollow tile, stucco, conc. frame show room; E. G. Holliday, Archt., Brownsville.

Tex., Fort Worth—W. H. Southwell, 2908 ipscomb St., erect \$14,000 warehouse, N. ouston and N. Trinity Sts.

W. Va., Parkersburg—Patton & Neal Furniture Co., 7th and Harris St., erect \$17,000, 3-story, brick, steel and concrete annex; also 2-story addition; Harry Nay, Archt., Union Trust Bldg.

\$18,000 city hall to Sampson & Napier; red brick, 2 stories.

Tex., San Angelo—Neal W. Sanders, San Angelo, has linoleum and floor covering contract at \$5827 for \$300,000 Tom Green County courthouse; elec. fixtures and fans, West Texas Utilities Co., \$7432; Venetian blinds and weatherstripping, Higgin Manufacturing Co., Newport, Ky., \$2130; vault doors, Diebold Safe and Lock Co., Canton, O. 4-12

Va., Suffolk—City let contract at \$10,999 Z. Turner for sub-fire station, Morgan

Dwellings

Ala., Birmingham—C. Nab Dvennan, 4243 Clairmont Ave., erect brick veneer residence, Mountain Brook Estates; 2 stories, 30x81 ft., asphalt shingle roof; J. C. Halstead, Archt., Lincoln Life Bidg.; L. E. Ford, Contr., 2117 N. First Ave.

Ala., Birmingham—J. A. Real, 2023 N. 37th Ave., erect hollow tile and stucco residence; 1 story; P. L. Bush, Contr., 2914 Ridgeway.

Ridgeway.

Ala., Birmingham—Ross Smith, Amer. Tr. Bldg., erect \$25,000 residence, Roebuck; brick veneer, 2 stories, copper clad shingle roof, steam heat; Jesse W. Green, Archt., 717 Education Bldg.; owner probably build.

Ala., Clanton—Alabama Mills Co. erect about 50 frame operatives' cottages, connection with mill development; Robert & Co., Inc., Archt.-Engr., Atlanta. Ga.; Batson-Cook Co., Contr., West Point, Ga.

Ark., Bentonville—A. D. Clayton erect \$10,000 residence near Bentonville; A. O. Clarke, Archt., Rogers; L. A. Pace, Contr., Bentonville.

D. C., Anacostia, Washington—S. Wells.

Bentonville.

D. C., Anacostia, Washington—S. Wells, care J. H. DeSibour, Archt., Invest. Bidg., 15th and K Sts., N. W., erect \$150,000 Georgian type residence south of Anacostia; brick, 2½ stories; Davis Wick Rosengarten Co., Contr., 1406 G St., N. W.

D. C., Washington—L. E. Breuninger & Sons, Colo. Bidg., have permit for 3 brick and tile dwellings, 1312-14 Juniper St., N. W., and 1329 Hemlock St., N. W.; 2 stories, brick and tile, and stone, tile and frame, \$36,000; owners build.

D. C., Washington—Chevy Chase Construc-ion Co. has permit for 3 frame dwellings, 3600-04 Morrison St., N. W.; 2 stories;

Fla., Coral Gables—A. F. Baker, Miami, started work on \$20,000 residence, 1235 Coral Way; hollow tile, 12 rooms.

Fla., Coral Gables—Saml. D. Price erect \$12,000 residence, Avenue Astruria: 2 \$12,000 residence, Avenue Astruria; 2 stories; J. & C. Skinner, Archts., News Fower, J. Gordon Hussey, Contr.

Fla., Daytona Beach—Albert Diem, care Diem & Wing Paper Co., Cincinnati, Ohio, started work on 3 bungalows, Peninsula Dr.; 6 rooms, about \$15,000 each; T. K. Apgar, Contr., N. Peninsula Dr., Seabreeze.

Fla., Daytona Beach—Jackson Johnson, St. Louis, Mo., and 1340 Peninsula Dr., remodel residence; \$10,000; 2 baths; T. K. Apgar, Contr., N. Peninsula Dr., Seabreeze.

Fla., Jacksonille—Lois Ray erect \$10,000 residence, Talbot St. near Fitch St.; brick veneer, 2 stories; E. W. Bostick, Contr., both 4621 Polaris St.

Fla., Madison—C. J. Madison erect dwelling; plans additional dwellings.

Fla., Madison—Dr. D. H. Yates erecting cement dwelling, Session's Hill; 6 rooms; plans additional dwellings.

Fla., Miami Beach—Chas. H. Paschall erect \$35,000 residence and garage, Collins Ave. and 15th St.; 2 stories, 60x66 ft., conc. block; Carl Green, Contr., 235 S. W. 22nd Ave.,

Fla., Miami Beach—Theo. Dickinson, I Bay Rd., erect \$35,000 addition to reside 2 stories; John B. Orr Construction Contr., 147 N. E. Sixth St., Miami.

Fla., Miami Beach—H. T. Archibald, 216 W. Madison St., Chicago, Ill., let contract for \$65,000 residence to Beach Coustruction Co., 1327 20th St., Miami Beach; Howard Major, Archt., Major Bldg., Palm Beach.

Fla., Miami Beach—Col. E. H. R. Green, Star Island, remodeling residence; \$45,000.

Fla., Palm Beach—Allan P. Kirby, 54 Riverside Drive, Wilkes-Barre, Pa., pouring foundation for \$100,000 tile veneer and stucco residence; 2½ stories, about 70x90 ft., tile and hardwood floors, Cuban tile and built-up roof; Marion Sims Wyeth, Archt.,

BUILDING CONTRACTS AWARDED

Association and Fraternal

Ark., Stamps—Ancient Free and Accepted Masons erecting brick temple; 1 story, oak floors, comp. roof; owner builds.

Bank and Office

Fla., Ocala—Commercial Bank & Trust Co. remodel bldg., Magnolia St. and Broad-way; install Otis elevator; John K. Ball, Contr.

Ky., Catlettsburg—Kentucky Natl. Bank let contract to Brewer Bros., Ashland, for \$30,000 building, Division St.; brick and stone, 2 stories, 36x86 ft., built-up roof; John R. Gieske, Archt., 1105½ Third Ave., Huntington, W. Va.

Miss., Louisville—Home Bank of Louisville let contract to Livingston & Wicker to remodel building for bank quarters; \$14,000; N. W. Overstreet, Archt., Miss. Fire Bldg., Jackson.

Mo., Kansas City—Grande Building Co., 216 E. 13th St., O. O. Concannon, member, about completed footings for 11-story office bldg., 13th and Grand Sts.; rein. conc., brick, terra cotta, 123x116 ft., terrazzo floors; P. T. Drotts, Archt., 423 Reliance Bldg.; H. A. Noble, Engr., 301 Secur. Bldg. Address Owner.

Noble, Engr., 301 Secur. Blug. 4-19

Tenn., Memphis—Dr. T. F. Leatherwood, Med. Arts Bldg., let contract to McDonnell Construction Co., Empire Bldg., for \$30,000 brick residence, Hein Park; 2 stories and basement, about 65x65 ft., oak floors, tile roof; J. Frazier Smith & H. M. Burnham, Archts., Goodwyn Inst. Bldg. 3-1

Tex., Austin — Campbell Metal Window Corp., Bush and Hamburg Sts., Baltimore, Md., R. B. Everett & Co., 3118 Harrisburg Blvd., Houston, Tex., representative, has window assh contract at \$29,900 for 12-story medical and professional building for O. O. Norwood, Seventh and Colorado Sts.; Giesecke & Harris, Archts., 207 W. Seventh St., Frank Barron, Contr., 121 W. Seventh St., both Austin.

Tex. Sonora—First National Bank let con-

both Austin.

Tex., Sonora—First National Bank let contract for \$70,000 bldg. to Balfanz Construction Co., Abilene; native and white cut stone, 2 stories and basement, 35x90 ft., vault, 200 safety deposit boxes; Anton F. Korn, Jr., Thomas Bldg., Dallas, and B. M. Morgan, San Angelo Natl. Bk. Bldg., San Angelo, Asso. Archts.

3-1

Archts.

W. Va., Charleston—Kanawha Valley Bank, John L. Dickinson, Pres., let contract to James Stewart & Co., Inc., 17 E. 42nd St.. New York, for 20-story, basement and mexanine bank and office bidg.; conc. and steel, polished granite base, store and banking room fronts, lower stories Indiana limestone, Flemish bond face brick above, terra cotta trim, 3 entrances, marble floors and walls in elevator lobby, terrazzo floors, marble borders and wainscoting in corridors, bronze doors, 4 elevators, 20 tellers cages; 4 stores; 485 offices; Alfred C. Bossom, Archt., 685 Fifth Ave., New York; Chas. A. Haviland, Asso. Archts., Kanawha Bk. Bldg., Charleston.

12

W. Va., Clarksburg—Hope Natural Gas Co. let contract to Rust Engineering Co., 311 Ross St., Pitisburgh, Pa., for 3-story and basement office building and 2-story garage;

\$300,000, fireproof; former brick, cut stone and granite trim, 54.8x92.8 ft., rubber and asbestos fiber comp. floors, flat roof, gum wood interior finish, fireproof vaults; 23 offices, instrument rooms for telegraph and wireless work; Geo. H. Schwan, Archt., 230 Fifth Ave., Pittsburgh.

Churches

Ark., Harrison—First Baptist Church let contract for \$30,000 bldg. to P. B. Pace; C. R. Sudhoelter, Archt., 715 Joplin St., Joplin, Mo.

Ark., Horatio—Christian Church started work on building, Hazzard St.; rein. conc., 36x40 ft.; T. M. Lawson, in charge of construction.

Ga., Savannah — Ascension Lutheran Church let contract to Farquhar McRae, 11 Drayton St., for \$40,000 Sunday school. 3-29

Drayton St., for \$40,000 Sunday school. 3-29
Ga., Waynesboro—Presbyterian Church, P.
W. Thompson, Chmn., Bldg. Comm., erect
Sunday school, day labor; Wm. J. J. Chase,
Archt., 140 Peachtree St., Atlanta.
N. C. Lansing—Presbyterian Church, Rev.
R. H. Stone, Pastor, Jefferson, erect clay
tile and rock building by day labor; 1 story
and basement, 35x00 ft., hardwood floors,
probably asbestos roof; B. D. Barr, Archt.,
West Jefferson; start May 1. See Want Section—Building Material and Equipment, 4-5
Tex. Dayton—Methodist Church erect \$40.

Tex., Dayton-Methodist Church erect \$40,000 brick bldg.; P. H. Fredericks, Contr., 1870 Cortlandt St., Houston.

Tex., El Campo—Baptist Church let con-ract for \$25,000 building to Nelson & Jen-en; brick and concrete.

Tex., La Grange—Zion E. L. Church, Rev. A. E. Moebus, Pastor, started work on frame bldg.; 1 story, 32x52 ft. with 30-ft. tower, come. foundation, Johns-Manville roof; Albert V. Minden, Archt. See Want Section—Building Material and Equipment.

City and County

Ga., Edison-City Comsn. erect brick city hall; conc. and wood floors, comp. roof; fire station, prison, truck house in rear; Henry Jarniga, Contr.

La., Morgan City—City let contract to Falgout to remodel market and c and city 11-24 hall

Miss., Belzoni—City let contract for \$20,000 city hall and fire department building to M. T. Reed Construction Co.; Emmett J. Hull, Archt., Merch. Bank Bldg., Jackson.3-29 Mo. St. Louis—E. O. Dorsch Electric Co., 1405 Olive St., has elect. work contract at \$64,594 for Police Headquarters Bldg. and at \$16,890 for Police Gymnasium; heating contract for former to Sodemann Heat & Power Co., 2306 Morgan Ave., at \$89,187, and for latter to Koppen-Smith Heating Co., 2628 Olive St., at \$27,580; Mauran, Russell & Crowell, Archts., Chemical Bldg.; Kenton Construction Co., Contr., Wainwright Building.

Tenn., Brownsville—Haywood County let contract at \$37,500 to J. A. Moore to remodel and enlarge courthouse; brick and conc.; R. A. Heavener, Archt., Goodwyn Inst. Bildg.,

Tex., Post-City Council let contract for

Wyeth Bldg., Palm Beach: Arnold Construc-tion Co., Contr., Harvey Bldg.; heating and plumbing, E. C. Hilker, Inc., 505–15th St.; elec. work, Hime Electric Co., 518 Biscayne Dr., roofing and sheet metal, Ahrens & Sons, 911 Poinsettia St., all West Palm Beach. 4-19

Fla., Palm Beach—E. J. Stehll, Via Belaria, erecting \$65,000 addition to residence; bollow tile veneer, 1 and 2 stories, 80x65 ft., tile, Zenitherm and wood floors, tile roof; Treanor & Fatio, Archis., Phipps Plaza; Vought & Halpern, Inc., Contr., Plaza Bidg., materials purchased.

Fla., Palm Beach—Wm. J. McAneeny, Vice-Pres., Hudson Motor Car Co., Detroit, Mich., let contract to Harry Vought & Co., Inc., Peruvian Ave., for \$250,000 residence, Via Del Mar; Italian Romanesque type, Quarry Key sione, 85-ft., 2 stories, patio; Treanor & Fatio, Archts., Plaza Bldg.

Fla., Tampa—G. H. Cooper, 125 Adalia t., Davis Islands, erecting English type sidence, 204 W. Davis Blvd.; 7 rooms, 2

Fla., Tampa—Frost Construction Co., 607 Marion St., erect French country house type dwelling, 86 Bahama Circle.

Fla. Tampa—J. A. Kessler, Crescent Apts.. started work on English type residence, 415 W. Davis Blvd.; 6 rooms, thatched roof. Fla. Tampa—Mrs. Roberta W. Mickler started work on Colonial residence, 21 Bahama Circle; brick, 8 rooms.

hama Circle; brick, 8 rooms.

Fla., Tampa—Edw. 1. Northrup, 2107
Marjorle St., erecting 2-story brick residence,
133 Bosporus Ave.

Fla., Tampa—Capt. H. G. Warner, 209
Hyde Pk. Pl., started work on Italian type
residence, 86 Adalia Ave.; 10 rooms, 3 baths,
garage; Schumacher & Winkler, Archts. garage:

garage; Schumacher & Winkler, Archts.
Fla., Sarasota—Wm. M. Byrd, 123 S. Michigan Ave., Chicago, Ill., started work on \$50,000 residence: interlocking tile and frame, 2 stories, 145x53 ft., wood and tile floors, conc. foundation; Thos. R. Martin, Archt., 212 Main St.; H. A. Butler, Contr., Amer. Natl. Bank Bldg., both Sarasota.

4-19
Ga., Atlanta—Jas. Shepherd and W. H. Winn, S31 Healey Bldg., erect 3 dwellings, 1633-37-41 Euclid Ave., N. E.; 7 rooms and bath, comp. roof, hot air heat; \$18,000; owners build.

owners build.

Ga., Atlanta—Walter G. Roper. Palace Apts., erecting \$45,000 residence, Habersham Rd., by day labor; brick and half-timber. 2 stories, 128 ft. long, hardwood floors, variezated slate roof; Cooper & Cooper, Archfts., 403 Bona Allen Bldg. See Want Section—Building Material and Equipment.

Ga. Atlanta—Victor Suther, 586 N. Roule.

Ga., Atlanta—Victor Sutker, 586 N. Boulevard, N. E., erect \$15,000 residence, 786 Brookridge Drive, N. E.; brick veneer, 2 stories, 12 rooms, 4 baths, comp. shingle roof, hot air heat; owner builds.

stories, 12 rooms, 4 baths, comp. shingle roof, hot air heat; owner builds.

Ga., Columbus—Chas. Frank Williams, care Williams Lumber Co., erect \$30,000 Colonial residence, Country Club sub-division; 2 stories and basement, hardwood and tile floors, tile roof, stone trim, steam heat; John C. Martin, Archt.; day labor.

Ga., Vidalia—D. C. Patillo completed foundation of \$11,000 residence; stone tile and Calif. stucco, 2 stories, comp. roof; plans from Elkay Stone-Tile Manufacturing Co., Macon; M. H. Fountian, Contr., Vidalia. 4-19 Ky., Louisville—Consolidated Realty Co. let contract to General Construction Co., both 231 S. Fifth St., for \$20,000 dwelling, 2945 Rainbow Drive; 2 stories, 38x56 ft., hardwood floors, conc. foundation. slate roof; Otto D. Mock, Archt., 229 S. Fifth; E. A. Decker, Engr., 231 S. Fifth

La., New Orleans—Wm. Stein erect 3 double dwellings, Eagle St. near Marks St.; 24x59 ft., asbestos roof; John Davidson, Contr., 8500 Marks St.

La., New Orleans—Frank P. Dufrechou. 295-07 Baiter Bilds, erect dwelling.

La., New Orleans—Frank P. Dufrechou. 205-07 Balter Bldg., erect dwelling. La., New Orleans—Cuevas & Fitzmorris, Contra, 1633 Dryades St., erect 4 double and 3 single dwellings, Gentilly Park.

La., New Orleans—L. T. Frantz, Contr., 8735 Apricot St., erect single dwelling, Leonidas and Apple Sts.

La., New Orleans — Mark Bendish, 2017 Franklin Ave., erect double residence, John-son St. near Port St.

La., New Orleans—Nick Tusa, 7720 Jean-ette St., erect single residence; Estrade & Saffel, Contrs., 7226 Washington Ave. La., Shreveport—A. C. Steere Co., Slattery Bldg., has permit for 5 dwellings; \$30,000.

Md., Baltimore—Robinson & Slagle, Inc., American Bidg. erect \$12,000 dwelling, 1506 Roland Ave.; 3 stories, 41x32 ft., slate roof, hot water heat; plans and constr. by owner. Md., Baltimore—Geo. R. Webb erect \$20,000 brick residence and garage. 9 Wendover

Rd.: 3 stories, 42x39 ft. and 20x20 ft., slate roofs, hot water heat; H. A. Stilwell, Archt.; Peyton B. Strobel Co., Contr., both 200 E. Lexington St.

Md., Baltimore — C. W. Snyder, 518 Charles St., erect \$10,000 residence, 202 Eifeld Ave.; brick, 2 stories, 48x30 ft., slaroof, steam heat; Palmer & Lambdi Archts.; J. V. Schafer, Contr., South an Fourth Ave.

Md., Baltimore—R. B. Construction C. Inc., Granada Ave., erect 26 dwellings, Evgreen Place and Palmer Ave.; 2 stories.

Md., Baltimore—J. A. Schneider, 3708 Kate Ave., erect \$16,000 residence and garage, 3501-03 Crossland Ave.; 2½ stories, 48x36 ft. and 20x36 ft., slate roofs, hot water heat; R. C. Brockmeyer, Archt., 1665 N. Milton Ave., Geo. A. Gebb, Bldr., Mayfield and Crossland Aves.

and Crossland Aves.

Md. Baltimore—Jas. Keelty, 3529 Edmondson Ave., erect 7 brick dwellings, 3600-12 Eversly St.; 2 stories, 20x34 ft., 14x34 ft. and 16x48 ft., steam heat; \$17,000; F. E. Beall, Archt., 306 St. Paul St; owner builds.

Beall, Archt., 306 St. Paul St; owner builds.
Md., Baltimore—Woodland Realty Co. erect
15 frame dwellings, 4401-29 Harcourt Rd.;
2 stories, 32x43 ft., 24x28 ft., shingle roofs,
hot water heat; \$53,000; Vincent Reale,
Archt., 1320 Biddle St.; owner builds.
Miss., Meridian—I. C. Walker, care Central Service Sta., erect \$20,000 brick veneer
residence, Magnolia Drive; 1 story and basement, 85x69 ft.; R. C. Springer, Archt., Rosenbaum Bldg.; L. B. Priester & Son, Contrs.
1403 Twelfth Ave.

Tex. Houston—G. C. McCall let contract

Tex., Houston—G. C. McCall let contract o R. C. Paul for \$10,000 duplex, 2009 Wood-end St.; brick veneer, 2 stories, 10 rooms, baths.

Mo., Chesterfield—E. J. Bayer erecting \$12,000 residence; 2 stories and basement, hardwood floors, tile bath, hot air heat; Dan Mullen, Jr., Archt., 18 N. Meramec Ave., Clayton, St. Louis.

Mo. Clayton, St. Louis—John L. Wilson, 6460 Blow St., erect 8 brick dwellings, Vinita Park, Vinita Place, McKinley School subdivision and Marvin Terr.; \$22,600.

Mo., Clayton, St. Louis—D. O. Stewart, Glendale, erect \$10,000 dwelling; tile and stucco, 31x38 ft.; Century Realty and Construction Co., Contr., 6677 Delmar Blvd.

Mo., Columbia—A. L. Wescott erect \$10,000 residence; brick, 2 stories, 31x56 ft.; Bill & Traber, Archts., 1008 Broadway; O. S. Sigler, Contr.

Mo., University City, St. Louis—Harry M. Boeckmann, 2617 Franklin St., erect \$10,000 bungalow and garage, 564 Stratford Ave.; brick, 1½ stories, 37.6x41.9 ft., tile roofs, hot water heat; S. H. Keiser, Contr., 134 Linden St., Clayton.

St., Clayton.

Mo., University City, St. Louis—Chas. B Butcher, 6055 Cabanne St., erect 2 brick bungalows, 7416-20 Lynn Ave.; 1½ stories, 26x30 ft., comp. slate-coated shingle roofs, hot air heat; \$14,000; owner builds.

Mo., St. Louis—C. W. Brinkman, 7121 Morganford Rd., erect \$20,000 brick residence, 3931 Kingshighway, S. W.; 2 stories and basement, 40x34 ft., hardwood floors, slate roof, tile bath, hot water heat; Leonard Haeger, Archt., 3844 Utah Place; M. C. Bartel, Contr., 4910 Gravols Ave.

Mo., St. Louis—L. J. Graham, Archt., 4885 Natural Bridge Rd., completed plans for \$15,000 dwelling, Stanford Ave., University Park; brick, 2 stories and basement, 37x38 ft, hardwood floors, tile bath, slate roof, hot water heat ater heat.

Mo., St. Louis—H. Holekamp, 649 Sher-ood Drive, erect \$10,000 frame residence; stories and basement, 28x66 ft., hardwood pors, comp. roof, tile bath, stone foundation, ot water heat; owner builds.

Mo., St. Louis—M. Horvath crect \$10,000 residence, 5830 Salena St.; brick, 2 stories and basement, 26x40 ft., stone foundation, hardwood floors, tile bath, asbestos shingle roof, hot air heat; Herbert Guth, Archt., 813½ Chestnut St.; A. Houser, Contr., 1326 Arsenal St.

Arsenal St.

Mo., St. Louis—L. Kammermeyer, 5817
Claxton St., erect \$10,000 residence, 4432
Sexauer St.; brick, 1 story and basement,
45x24 ft., hardwood floors, tile bath, comp.
shingle roof, hot air heat; Schulte & Tarling.
Archts., 222 Grand St. Louis Bldg.; Ewald
Schroeder, Contr., 8316 Racquet Drive.

Mo., St. Louis—J. J. Pflueger, care Arsenal
Watson Co., Contr., 3358 N. Union St., erect
2 brick dwellings, 4400-04 Richard Place; 2
stories and basement, 25x43 ft., tile bath,
hardwood floors, comp. roof, hot air heat;
\$12,000; C. E. Etz, Archt., 110 N. Seventh
St.

Mo., St. Louis—R. A. Rossi, 1256 N. Kings-ghway Blvd., has contract for \$20,000

dwelling, Moorlands; brick, 2 stories and basement, 41x35 ft., oak floors, slate roof, hot water heat, elec. refrigerator: Paul E. Corrubia, Archt., 1116 Holland Bldg.

Mo., St. Louis—A. Seib, 3528 Hebert St., erect \$13,000 residence, 7436 Augusta Ave.; brick, 2 stories and basement, 38x28 ft., hardwood floors, tile bath, stone foundation, asphalt shingle roof, hot water heat: Nolte & Nauman, Archts., Fullerton Bldg.; J. Chas. Mueller & Son, Contrs., 3528 Hebert St.

Mo., University City, St. Louis—P. J. Connell, 7070 Pershing Ave., erect \$10,000 brick residence, 7038 Maryland Drive; 2 stories and basement, 37x42 ft., hardwood floors, comp. roof, tile bath, steam heat; work started.

Mo., University City, St. Louis — David Krisman, 5801 Lotus Ave., erect \$10,000 brick residence, 830 Pennsylvania Ave.; 2 stories and basement, 28x48 ft., hardwood floors, tile roof, tile bath, vapor heat; owner builds.

roof, the bath, vapor heat; owner builds.

Mo., University City, St. Louis—J. G. Peterson, 7115 Dartmouth Ave., erect \$10,000 residence, 7017 Amherst Ave.; 2 stories and basement, 47x49 ft., hardwood floors, comproof, conc. foundation, tile bath, steam heat; work started.

work started.

N. C., Burlington—Boswell Real Estate Co. erecting number dwellings, Beverly Hills.

N. C., Overhills—Percy A. Rockefeller, 25 Broadway, New York, erecting \$150,000 residence; fireproof, steel, conc. and brick, 3 stories, wide random oak floors, Dutch tile roof; Hiss & Weekes, Archts., 18 E 43rd St., New York; Reinecke-Dixon Construction Co., Contr., 1001-02 Cumberland Bk. Bldg., Fayetteville, N. C.; work to first floor. 4-19 N. C., Shelby—Cleveland Cloth Mills erect 30 brick veneer operatives' dwellings; J. T. Ramsey & Sons, Contrs.

Okla, Oklahoma City—G. A. Nichols, Inc.,

Okla, Oklahoma City—G. A. Nichols, Inc., 115 N. Harvey St., erect brick duplex and 8 brick dwellings, E. 15th. E. 16th and E. 18th Sts.; \$61,500; owner builds.

Sis.; \$61,900; owner builds.

Tenn., Knoxville—O. W. Sweat, Contr., 21
S. Emoriland Blvd., erecting 3 frame dwellings, Clearview Ave. and 2 on Orlando St.;
5 rooms and bath, \$5000 each.

Tenn., Memphis—Mrs. Anna W. Layne, 255
Hawthorne St., erect \$20,000 brick veneer
duplex, 2250 Jefferson Ave.; 2 stories and
basement, about 30x62 ft., oak floors, tile
roof and bath, hot water heat; Estes W.
Mann, Archt., Cotton Exch. Bldg.; F. E.
Meacham, Contr., 1042 Roland St.

Tenn., Memphis—S. B. Schwartz. First

Tenn., Memphis — S. B. Schwartz, First Natl. Bank Bldg., erect 24 dwellings, 1200 block Barksdale St. and 1800 block Kensadle St.; brick veneer, 1 story and basement, 37x 32 ft. and 30x42 ft., oak and pine floors, comp. shingle roofs; \$95,000; Ben Bullard, Contr., 1446 Lamar Ave.

Tenn., Memphis—E. R. Bailey, 134 E. Calhoun St., erect \$15,000 brick veneer residence, Hein Park; 2 stories and basement, about 55x40 ft., oak floors, tile roof and baths, steam heat; E. Iverson, Contr., 1810 Kenilworth St.

Tenn., Memphis—Chas. J. Haase, Monroe and Second Sts., erect \$18,000 brick veneer residence, Hedgemoor; 1 story and basement, 57x38 ft., oak floors, tile bath, comp. shingle roof, hot water heat; Polk W. Agee, Archt., Fidelity Bk. Bldg.

Tenn., Memphis—C. A. Tindall, First Nat'l Bk. Exch. Bldg., erect \$20,000 brick veneer and white shingle residence, Chickasaw Gardens; 2 stories and basement, about 65x40 ft., oak floors, tile roof and bath, steam heat, garage and servants' quarters; Estes W. Mann, Archt., Cotton Exch. Bldg.; owner builds.

Mann, Archt., Cotton Exch. Bidg.; owner builds.

Tenn., Memphis—J. L. White erect two \$15,000 dwellings; brick veneer, 2 stories and basement, oak floors, tile roofs and baths, conc. tile roof; Polk W. Agee, Archt., both Fidelity Bk. Bidg.; owner builds.

Tenn., Nashville—Robt. G. Benson, Tarrymore Apts., let contract to H. S. Vaughn, Arcade St., for \$25,000 hollow tile and stucco residence, Belle Meade; 2 stories, 40x65 ft. oak floors, stone and conc. foundation, tile roof; Tisdale, Stone & Pinson, Archts., Ind. Life Bldg. See Want Section—Building Material and Equipment.

Tex., Austin—Judge C. M. Cureton, 1609 Congress St., let contract at \$14,822 to E. D. Walker for residence; brick veneer, 2 stories and basement; 30x43 ft., with 1-story, 17x39-ft. wing; stone trim, asbestos shingle roof, hot air heat; Roy L. Thomas, Archt., Littledled Bldg.

Tex., Austin—C. A. Peters, 506 Fannin.

Tex., Austin—C. A. Peters, 506 Fannin St., erect Colonial residence, Edgemont; brick veneer, 2 stories; Edwin C. Kreisle, Archt., Scarbrough Bldg.; Wm. Peterson, Contr.

Tex., Houston-C. O. Lamberth, care An-

derson, Clayton & Co., Cotton Exch. Bldg., let contract for \$50,000 residence, River Oaks Blvd., to Thos. T. Hopper Co., Post-Dispatch Bldg.; Cameron D. Fairchild, Archt., Public Natl. Bank Bldg.

Tex., Houston—W. J. Matthews, 1835 Courtland St., erecting residence, Garden Villas; Edw. Wilkinson, Archt., 1020 Court-land St.; Otto Barin, Contr., 1030 Rutland St.

Tex., Houston—Isadore Schwartz, 702 Dennis St., let contract for \$10,000 residence, 2402 Prospect St., Riverside Terrace, to R. N. Hancock, Citizens State Bank Bldg.; brick veneer, 2 stories, 7 rooms.

veneer, 2 stories, 7 rooms.

Tex., Houston—Herbert E. Neuhaus, 618
Union Nati. Bank Bldg., about completed
foundation for brick veneer residence, Inwood and Larchmont Sts.; 2 stories, shingle
roof; R. D. Steele, Archt., First Nati. Bank
Bldg.; W. L. Goyen, Contr., Post-Dispatch
Bldg. See Want Section—Building Material
and Equipment.

Tex., Houston—A. F. C.

and Equipment.

Tex., Houston—A. H. Spann, Navasota, erecting 10 dwellings, Vermont Addition; \$39,000; L. J. Luff, Contr., 1027 Linwood St. Tex., Houston—W. L. Thaxton, Electric Bidg., erect brick veneer residence, Riverside Terrace; 2 stories, 9 rooms; Sam H. Dixon, Jr., Archt., Second Natl. Bank Bldg.; Howeli Kidd, Contr., 2001 Calumet Drive.

Tex., San Angelo — McCrery Realty Co. crect natural stone veneer model dwelling; English type, 8 rooms, about 38x52 ft., 2 stories, hardwood floors, tile baths, slate roof; Roy K. Hamberlin, Archt., Ricker & Dodson Bldg., San Angelo, and Bldrs. Exch. Bldg., San Antonio; owner builds.

Tex., San Antonio—Abe Shaenfeld, E. Com-

Tex., San Antonio—Abe Shaenfield, E. Commerce St., erect \$10,000 residence. 611 Mulberry St.; brick veneer, 7 rooms; Wm. Levin, Contr., Tex. State Bank Bldg.

Government and State

D C., Washington—Riggs National Bank, H. G. Hoskinson, Vice-Pres., 1401 Pennsylvania Ave., erect \$60,000 addition to bldg., Park Rd. near 14th St., N. W., to be leased to Government for post office station; limestone and brick, 3 stories; Geo. N. Ray, Archt., 1219 Connecticut Ave., N. W.: Chas. H. Tompkins Co., Contr., 1612 Park Rd., N. W.

Md., Baltimore—John B. Walles, Arlington, started work on \$30,000 bldg., 4614 Reistertown Rd., to be leased to Government for post office; brick, 1 story, 50x107 ft., conc. floors, stone foundation, slag roof; Henry A. Knott & Co., Contrs., 2107 N. Charles St. Henry A. Charles St.

Tex., Crosbyton—E. H. Hendricks erecting set office bldg. and 2 brick business houses adjoining.

W. Va., Berkeley Springs—State Board of Control, Charleston, erect \$25,000 Colonial bath house, Berkeley Springs Park; 1 story, 95x32 ft.; R. A. Gilles, State Archt.; Vernon E. Johnson, Berkeley Springs, in charge of construction.

Hospitals, Sanitariums, Etc.

Hospitals, Sanitariums, Etc.

Ark., Hot Springs National Park—Leo N.
Levi Memorial Hospital erect \$30,000 clinic; rolck, 1 story, 35x100 ft.; Eugene John Stern, Archt., A. O. U. W. Bldg., Little Rock, Ark.; Emile Well, Inc., Asso. Archt., Whitney Bldg., New Orleans, La.; J. P. Jones, Contr., care New Cent. Bapt. Church.

Ky., Glasgow—Commonwealth Fund, Henry J. Southmayd, Director, Div. of Rural Hospitals, 1 E. 57th St., New York, and local hospital bd. of trustees let contract at \$205,-795 to J. T. Jackson Lumber Co., Lexington, Ky., for community hospital and nurses home; fireproof, brick, 2 stories and basement, 40x160 ft., conc. foundation; H. C. Pelton and Jas. Gamble Rogers, Archts., 415 Lexington Ave., New York.

3-8

Tex., Galveston—Bedford Carthage Stone Corp., Houston, has contract for Lueders (Texas) limestone for \$200,000 power plant and laundry, John Sealy Hospital; R. L. White, Archt., care Univ. of Texas; Crisman & Nesbit, Contrs., both Austin.

Hotels and Apartments

Ala., Bay Minette—Hotel Trammell, Louis Smith, let contract at \$57,163 to Axel Johnson, Fairhope, for 3-story and basement, 50x 95-ft. brick and hollow tile hotel; built-up roof, cone. and wood floors; Hutchisson, Holmes & Hutchisson, Archts., Staple-Powell Bldz. Mebile. Holmes & H Bldg., Mobile

Fla., Jacksonville — Halewood Investment Co. has permit for \$12,000, 3-story, brick apartment, College St.; C. Grimwood, Contr., both 721 Barnett Bldg.

\$75,000, 3-story, brick and frame, English type apartment; hardwood and tile floors, elec. refrigeration, steam heat, sanitary steel cabinets, laundry; W. W. Ward, Archt., 1709 Barnett Bk. Bldg.

Fla., Jacksonville — Sams & Furber, 601 Barnett Bldg., erect \$15,000, 2-story, hollow tile and stucco apartment, Forbes and King Sts.; R. W. Woodall, Contr., care Pickard Lumber Co., Enterprise St.

Fla., Jacksonville — Fred Thellman, 401 Barnett Bk. Bldg., erect \$20,000, 2-story tile apartment, Boulevard and 25th Sts.; owner

Fla., Jacksonville—J. D. Horn, Sr., 153 W. Seventh St., erect two 2-story, brick ve-neer apartments, Fourth and Silver Sts.; owner builds.

Fla., Miami—Fred Howland, 1472 N. W. 14th St., has permit to erect \$25,000, 3-story, 36x36-ft. hotel and store at Flagami subdivision for Nelson, Bullock & Nelson, N. E. Second Ave.; 20 rooms, conc. block, tile roof, wood and tile floors; Geo. Bruce, Archt., Bank of Bay Biscayne Bldg.

Fla., Miami Beach—Frank Novak has per-it for 15-room and bath addition to Miami each Hotel, 520 Ocean Drive; \$14,500; m. F. Brown, Archt., Third St.; owner Beach

Ga., Atlanta — King Bailey, 412 Healey Bldg., erect \$20,000, 2-story and basement, 40x76-ft. brick veneer apartment, 892 Myrtle St., N. E.; comp. and tile roof, steam heat, conc and hardwood floors; owner brilde.

Ga., Atlanta—Dr. W. L. Foster, Candler Bldg., repair apartment, 650 Boulevard N. E.; \$18,000, brick and frame, comp. roof; owner builds.

builds.

Ga., Moultrie—Community Hotel Co., R.
L. Oertle, let contract, including heating and plumbing, to Huber Construction Co. for \$140,000, 4-story, 66-room, rein. conc. hotel, Main and Central Sts.; stone trim, built-up roof, conc. and terrazzo floors, steam heat, stores on first floor; Lockwood & Poundstone, Archts., Forsyth Bldg., Atlanta, associated with T. Firth Lockwood, Murrah Bldg., Columbus.

The Lockwood Street Research Columbus.

**The Loc

Ky., Louisville—Wm. Smallwood, 4724 S. 6th St., started work on \$50,000, 3-story, 88x 64 ft., rein. conc., brick, tile apartment, 2801 Meadowbrook St.; asbestos shingle roof, conc. foundation; Yewell Smallwood, Contr. conc. found 4724 6th St.

Miss., Columbus—Gilmer Hotel erect \$30,-000, 3-story annex; store on first floor; D. S. McClanahan & Son, Contrs.

Mo., Columbia—F. W. Niedermeyer, Gordon Hotel, erect \$120,000, 4-story brick apartment, University Ave.; Ferguson Simonds Investment Co., Contr., 410 Dwight Bldg.; F. Wallace, Archt., 923 Rialto Bldg., both Kansas City.

Mo., Kansas City.—J. M. Mehorney, 1101 McGee St., has permit for \$90,000, 5-story, 62x127-ft. brick and concrete apartment, 501-07 W. 11th St.; Mosby-Goodrich, Contr., 902 New York Life Bldg.

Mo., Kansas City—Morris Hoffman Construction Co., 603 Victor Bldg., reported, erect two 7-story apartments, 48th and Summit Sts.

erect two 7-story apartments, 48th and Summit Sts.

Mo., Kansas City—Following sub-contracts awarded for two 9-story, brick, terra cotta trim apartments, 1017-21 E. Linwood Blyd., for Wm. D. Snyder, Owner-Bidr., Commerce Eldg.: Refrigeration, R. E. Parsons Electric Co.; electric ranges, Kansas City Power & Light Co., both 14th St. and Grand Ave.; terra cotta, Kansas City Terra Cotta Co., 19th and Manchester Sts.; face brick, tile and common, Nicholson Clay Products Co., 818 Commerce Bldg.; lumber, Morrison Lumber Co., 4500 E. 15th St.; steel, Concrete Engineering Co., fifth floor, Walsix Bldg.; sand, Stewart Sand Co., City Bank Bldg.; plaster, lime, cement, Welch Sandler Cement Co., 1311 E. 19th St.; Philip T. Drotts, Archt., 423 Reliance Bldg.

Mo., St. Louis—E. Queenson, 658 N. Forest St., Webster Groves, erect \$16,000, 2-story, 30x85 ft., brick tenement, 4048-52 Giles St.; also four 2-story, 19x46 ft., brick, tenements, 4612-17 S. 37th St.; tar and gravel roof, hot air heat; G. Sturmfels, Archt.-Bldr., 4529 Tower Grove Pl.

Mo., St. Louis—Mars Realty Co., 309 International Life Bldg., erect two 3-story, 62x54

Mo., St. Louis-Mars Realty Co., 309 International Life Bldg., erect two 3-story, 52x54 ft. tenements, 5550-56 Natural Bridge; also 2-story, 30x44 ft. tenement, 5634-36 Herbert St.; \$58,000, brick, comp. roofs, steam heat; owner builds.

Co. has permit for \$12,000, 3-story, brick partment, College St.; C. Grimwood, Contr., coth 721 Barnett Bldg.

Fla., Jacksonville—Herbert Parrish, Owner-Bilds, Pres., International Life Bldg., reported, let contract to James Black Masonry & Construction Co., Louderman Bldg., Bldr., Union Term. Whse., started work on for Hawthorne Apartments, 4481 W. Pine

Blvd.; \$1.250,000, 16 stories, brick and stone; Pieltsch & Price, Archts., Arcade Bldg. 11-17-27

Mo., St. Louis—A. Bier, 1820 Arsenal St., erect \$18,000, 2-story, 35x58 ft., brick tenement, 5431 Rhodes St.; comp. roof, hot air heat; J. Mueller, Archt.-Bidr., 4630 Selbert

Mo., St. Louis—J. Pejchar erect \$15,000, 2-story, 31x87 ft., brick tenement, 1903-7 Art Hill Pl.; Arsenal-Watson Co., Archt.-Bldr., both 6205 Arsenal St.

Mo., St. Louis—Dew Drop Inn, Inc., 1912-4 Franklin St., alter 2 and 3 story brick tore and tenement; F. Lipman, Contr., 12 ewis Place.

Mo., St. Louis—R. R. Rosemond Co., 3417 S. Kingshighway, erect \$20,000, 2-story, 94x 41-ft. brick tenement, 500 Mardel St.; tar and gravel roof, steam heat; Owner, Archt.and Bldr.

Mo., University City, St. Louis—Wm. M. Flottmann, 813 Chestnut St., erect 2-story, 4-family, 65x42 ft., brick tenement; also 1-story brick garage, 7300 Pershing Blvd.; \$12,500; slate roof, steam heat; Henry A. Wagner, Archt.-Contr., 112 Bemiston St., Clayton.

Wagner, Archt.-Contr., 112 Bemiston St., Clayton.

N. C., Hendersonville—Hendersonville Hotel Corp. let contract to Davis Bros., Inc., 1716 Summit Ave., Richmond, Va., for \$350,000, 10-story and basement, 70x100 ft., struc. steel, rein. conc., brick and hollow tile hotel; stone trim, comp. roof; Benton & Benton, Archts., Fidelity Bidg., Wilson.

2-2
Okla., Ada—Kimsey & Swafford Co. have contract for plumbing and heating and Wetherbee Electric Co., 510 N. Hudson St., both Oklahoma City, wiring for \$300,000 hotel for Sherritt & Parker, Mgrs. of Hotel Aldridge, Wewoka; Harmon & Mattison Construction Co., Contrs.; Guy C. Reid, Archt., 4210 W. 23rd St., both Oklahoma City; 6 stories, 100x148 ft., brick and stone, terrazzo floors.

Okla., Oklahoma City—S. A. Brown erect

Oklah, Oklahoma City—S. A. Brown erect \$20,000, 2-story, brick apartment, W. 30th St.; owner builds.

Okla., Tulsa-McNulty & Tankersley soon start work on \$200,000, 40x120 ft., 3-story and basement, brick and conc. apartment; day labor; F. W. Redlick, Archt.

Tenn., Memphis — L. E. Finley started work on \$70,000, 2-story, 15-family, brick veneer aprtment, Tucker St. and Madison Ave.: Ed Ash & Son, Contrs., 305 N. Manassas St.; Sleg & McDaniel, Archts., First Nat'l Bk. Bidg.

Nat'l Bk. Bldg.

Tex., Brownsville—El Jardin Hotel Co.,
J. M. Nix, erect \$13,750, one-story, conc.,
steel, stucco addition and remodel El Jardin
Hotel; Homer L. Fitch, Contr.; Henry T.
Phelps, Archt., Hicks Bldg., San Antonio.

Tex., Corpus Christi—A. G. Bright started
work on 6-family apartment, 6th and Ellzabeth Sts. brick, hardwood floors, tile roof,
tile baths, Frigidaires; J. A. Walsh, Contr.,
Country Club Pl.

Miscellaneous

Fla., Eau Gallie—Eau Gallie Construction Co. started work on casino at Canova Beach for Canova Interests; Spanish type, 2 stories, coquina exterior finish.

Fla., Pensacola—C. H. Turner Construction Co., Brent Bidg., started work on \$25,000 stadium at Legion Park.

stadium at Legion Park.

Md., Baltimore—Frank B. Cahn & Co., Robt.
Garrett & Sons, Stein Bros. & Boyce, Gillet
& Co. offering \$1,000,000 first (closed) mortgage 6% sinking fund gold bonds to finance
market and arcade building being erected at
North and Maryland Aves. for North Avenue
Market, Inc.; Consolidated Engineering Co.,
Contr., 20 E. Franklin St.; designed by
Smith & May, Calvert Bildg., Baltimore, working in conjunction with Market Construction
Service Co., Cleveland, O.

Mo.. St. Louis—Florin Realty Co., 4300

Mo., St. Louis—Florin Realty Co., 4300 Warne St., erect \$45,000, 3-story, 40x140-ft. brick recreation building, 4339-41 Warne St.; comp. roof; Wedemeyer Nelson, Contr., Walneright Bidg.; H. Kissels Sons, Archt., 4107 Florissant St.

Mo., St. Louis—C. H. Hoffmeister U. & L. Co., 7814 S. Broadway, erect 2-story funeral parlor; \$25,000; brick; Kremer & Voirol Construction Co., Contr., 721 Century Bldg.; G. F. Hayden, Archt., 2836 Chippewa St.; all material purchased.

Tex., Pharr—Kiwanis Club soon star clubhouse; Geo. B. Fleming, Contr.

Railway Stations, Sheds, Etc.

Fla., Cross City—Atlantic Coast Line Rwy. Co., J. E. Willoughby, Ch. Engr., Wilmington, N. C., started work on addition and repairs to depot; A. E. Thompson, foreman.

Fla., Palmetto—Seaboard Air Line Rwy., W. D. Faucette, Ch. Engr., Norfolk, Va., let contract to C. V. York, Odd Fellows Bldg., Raleigh, N. C., for \$30,000 passenger station; Updegraff Lumber Co., contr. for lumber, millwork and roofing.

Mo., Kansas City—Chicago & Alton R. R. Co., R. A. Cook, Chicago, reported, started work on \$24,500 freight house on First St.; 48x176 ft., brick and steel.

Mo., Poplar Bluff—St. Louis and San Francisco R. R. Co., F. G. Jonah, Ch. Engr., St. Louis, let contract to J. W. Gerhard Construction Co., Cape Girardeau, for \$35,000 station.

Schools

Ark., Helena—West Helena School Bd., Harry Wadsworth, Sec., let contract at \$26,-\$18 to J. P. Williams, 2323 W. 13th St., Little Rock, for one-story, 8-classrooms and auditorium brick veneer school, Beach Crest; A. P. Coolidge, Archt.

D. C., Washington — St. Anthony R. C. Church, P. C. Conroy, 12th St. and Monroe Ave., N. E., alter and erect addition to parochial school; C. J. Cassidy Co., Contr., 1507 11th St., N. W.; Murphy & Olmstead, Archts., 1413 H St., N. W.; G. A. Weschler, Mech. Engr., 1010 Vermont Ave., N. W.

Fla., Haines City—Polk County Bd. of Education, A. B. Connor, Supt., let contract at \$13,695 to Streater Bros., Lake Hills Blvd. Lakeland, for one-story brick school; A. D. Holtsinger, Archt.-Engr., Lakeland.

Fla., Tallahassee—State Board of Control, P. K. Yonge, Chmn., let contract to Berg-Marshall, Inc., Lakeland, for \$162,000 Library addition, Florida State College for Women; stucco, brick, 2 stories and basement, comp. and tile roof; Rudolph Weaver, Archt., 200 Peabody Hall, University of Florida, Gainesville.

3.29 ville.

Ga., Mill Haven—Mill Haven Consolidated School Dist. erect \$12,000, 5-classroom and aud auditorium, hollow tile, stucco school: comp. roof, wood joist const.; Smith Brothers, Contrs., 606 L St., Brunswick; Wm. Walter Simmons, Archt., Eastman.

Md., Baltimore—Fourteen Holy Martyrs' Catholic Church, Rev. Bode Hornick, Pastor, Pratt and Mount Sts., started work on \$100.000, 62x142-ft., conc., steel and brick school and hall; limestone trim, built-up roof, vapor heat; Frainie Bros. & Haigley, Contrs., 19 W. Franklin St.; Geo. R. Callis, Jr., Archt., Hearst Tower Bldg.

Miss., Lexington—School Trustees, J. S.
Watson, Pres., let contract at \$41,400 to M.
T. Reed Construction Co., Belzoni, for 2story, brick, rein. conc. school; comp. roof;
separate contracts for plumbing, heating, wiring; J. M. Spain, Archt., Millsaps Bldg.,
Jackson.

N. C., Wilson—School Bd. erect \$25,000 high school; Rogers & Lowrimore, Contrs., Smithfield.

Okla., Nash—School Bd. let contract at \$36,589 to Universal Construction Co., Bar-tlesville, for one-story brick school; R. W. Shaw, Archt. 2-23

Okla., Pawnee—Bd. of Education let contract at \$37,142 to Clarence Sikes, Chickasha, for \$30,000 gymnasium and auditorium; 2 stories, brick, comp. roof, struc. and rein. Tonini & Bramblett, Archts., 416 ignain St., Oklahoma City.

ron; Tonini & Bramblett, Archts., 41616; main St., Oklahoma City. 3-15
Okla., Roff—School Bd. erect \$19.400, 7-room grade school to replace burned structure; Hill & Hill, Contrs., Ada.

S. C., Hobbysville, Sta. Enoree—School Bd. let contract to Anthony Shands, Woodruff, for one-story brick veneer school.

Tenn., Kingston — Roane County Bd. of Education let contract at \$110,000 to Christhas & Murphy, Harriman, for 6-room gymnasium and auditorium high school at Paint Rock, additions to Olive Springs and Harriman schools; brick, hardwood floors, comp. roof; R. F. Graff & Sons, Archts.-Engrs., Journal Bldg., Knoxville.

Tex., Buda—Bd. of Education, W. E. Holtzclaw, Pres., let contract at \$26,700 to J. R. Blackmore, 26th and Rio Grande Sts., for one-story, 8-room and auditorium school; brick, hollow tile, stucco, built-up roof; Roy L. Thomas, Archt., 903 Littlefield Bldg., Austin.

Tex., Devers—School Bd., O. L. Nolte, Pres., creet \$20,000 & gracem and auditoria.

L. Thomas, Advanta.

Tex., Devers — School Bd., O. L. Nolte, Pres., erect \$20,000, 6-room and auditorium, stucco, Spanish type school; King-Huff Construction Co., Contr.; Livesay & Wiedemann, Archts., 607 San Jacinto Life Bldg., Beau

Tex., Lubbock-Texas Technological Col-

lege, P. W. Horn, Pres., let contract to D. N. Leaventon for \$260,000 chemistry building; 3 stories, brick, rein. conc., fireproof, Spanish type; plumbing and heating, Young F. Pratt; wiring, American Automatic Appliance Co., Amarillo; Wyatt C. Hedrick, Inc., Archt., First Nat'l Bk. Bldg., Ft. Worth. 3-15

Archt., First Nat'l Bk. Bldg., Ft. Worth. 3-15
Tex., Panhandle—Following subcontracts
awarded on \$125,000, brick, conc., tile fireproof high school for which B. C. Froman,
Clayton, New Mexico, has general contract;
Electric, Browne Electric Co., 102 W. Sixth
St.; roofing, Lydick Roofing Co., 401 N.
Harrison St., both Amarillo; heating and
plumbing, New Mexico Plumbing Co., Clayton, New Mexico; Barrett roof, hardwood and
conc. floors; Butler Co., Archt., Hersk Bldg.,
Oklahoma City, Okla. See Want Section—
Machinery and Supplies.

Tex. Sep. Argele, School Bd. Welly.

Machinery and Supplies.

Tex., San Angelo—School Bd., Felix E. Smith, Supt., let contract at \$146,000 to Thomas Sable Construction Co., 1320 Masonic St., Dallas, for 4-room additions to Santa Rita, J. H. Regan and San Jacinto elementary school, 2-room addition to Ft. Concho elementary school, 16-room addition to Junior High; plumbing, heating, wiring for elementary schools included in general contract; plumbing and heating for Junior High, \$8000, A. T. Chaney; wiring, Travis Electric Co., 711 E. Houston St.; Phelps & Dewees, Archts., Gunter Bldg.

Stores

Ala., Birmingham — Lewis Ford, Contr., erect four 2-story and basement stores on Village Circle for Crawford Johnson, Jr., Chas. B. Webb, Elbert Jemison and Arthur Crowder, Jr.; \$50,000; Chas. H. McCauley,

Ala., Birmingham—Mountain Brooks Estates, Inc., erect five 2-story and basement stores on Village Circle; \$75,000; Lewis Ford, Contr.; Jesse W. Green, Archt.

Ark., Little Rock—Worthen & Walthour ve permit to erect \$10,000 store, 5012-22 rospect Ave.

D. C., Washington—H. C. Roberts Electrical Supply Co., 806 12th St., erect 4-story and basement. 26x142-ft. conc., limestone and brick building, 1216 K St., N. W.; first floor, stores, offices on second, two upper floors, stockroom; Edw. L. Bullock, Jr., Archt., 3430 Porter St., N. W.; Chas. H. Tompkins Co., Contr., 13th and Fairmont Sts., N. W.

Fla., Fort Myers—Fort Myers Realty Co., L. C. Curtright, Pres., erect \$200,000, 3-story store and office; G. A. Miller, Inc., Contr., Jacksonville.

Fla., Miami—C. R. Donathan, 1037 N. E. 91st St., has permit to erect one and two story, 230x90-ft. building, N. W. Seventh Ave. and 17th St., for Robert & Grentner, Inc., 1791 N. W. Seventh Ave.; \$125.00°; private plans; Brewer & Co., Engrs., S. W. 25th Ave.

ith Ave.
Fla., Miami—Biscayne Boulevard Co. start-I
work on 2-story store and apartment, N.
24th St. and Biscayne Blvd.: 105-ft. frontte: Robt. L. Weede, Archt., 328 N. E. Sec-

Ga., Atlanta—R. F. Winn, 811 Silvey Bldg., erect one-story stores, 787-91 Cascade Ave., S. W.; \$10,500, brick, tar and gravel roof, plate glass; owner builds.

plate glass; owner builds.

Ky., Louisville—Consolidated Realty Co., 231 S. Fifth St., started excavation for \$75, 000 store, Fourth St.; 3 stories, 109x90 ft., brick, steel, frame, terra cotta, terrazzo and wood floors, comp. roof; terra cotta, Northeastern Terra Cotta Co.; steel, Grainger & Co., Ninth and Main Sts.; Otto D. Mock, Archt.; General Construction Co., Contr., both 231 S. Fifth St.

Mo., Poplar Bluff—Fay D. Bacon let contract for \$25,000, one-story brick building.

Mo., St. Louis—Burdeau Real Estate Co., 801 Chestnut St., erect one-story, 80x100 ft., brick store and office, 2021-29½ Washington St.; \$12,000; steam heat; W. E. Frank, Archt., 949 Century Bldg.; owners build.

Mo., St. Louis—May Department Stores

Mo., St. Louis—May Department Stores Co., Rwy. Exchange Bldg., remodel 8-story office building, 629 Locust St., for store; Westlake Construction Co., Contr., 1919 Ry. Exchange Bldg.; W. Levy, Archt., Dolph

Bldg.

Mo., St. Louis—Sears, Roebuck & Co., R.
E. Wood, Pres., Chicago, reported, let contract to Westlake Construction Co., Railway Exchange Bldg., for \$1,000,000 store, S.
Grand Ave. and Winnebago St.; 3 stories, brick; Nimmons, Carr & Wright, Archts., 122
S. Michigan Ave.; M. G. Schwab, 30 N. Michigan Ave., Mech. Engr., both Chicago. 3-22
Mo., St. Louis—F. Siteman, 5832a Terry St., erect \$30,000, 2-story, 120x45-ft. brick

store and tenement, 2731-33 Goodfellow St.; comp. roof, steam heat; Alvin Construction Co., Contr., 5832a Terry St.; B. Shappiro, Archt., 4202 Holly St.

N. C., Sanford—Stroud & Hubbard started excavation for \$12,795, 2-story, 24x90-ft. brick and frame store, Steele St.; conc. and brick foundation, gum floors; L. M. Thompson, Archt.; Joe W. Stout & Co., Contrs.

N. C., Wilmington—J. A. Taylor, 236 N. Water St., erect \$30,000, one-story, 125x12 ft., brick, fireproof building, Water and Grace Sts.; conc. floors, steel girders, 16,866 ft. floor space; U. A. Underwood, Contr., Murchison Bldg.

Okla., Oklahoma City-G. A. Nichols, Inc., 115 N. Harvey St., erect \$10,000, 4-store building, 3014 The Paseo.

Okla., Oklahoma City — Harbour-Longmire Furniture Co., J. F. Harbour, 311 W. Main St., reported, let contract at \$152,700 to C. E. Huffman & Sons, 224 W. 23rd St., for brick and conc. store; rein. struc. and misc. iron, conc. floors, comp. roof; Hawk & Parr. Archts., Cotton Exchange Bldg. 2-23

Okla., Oklahoma City — Willis Sautbine, 915½ N. Hudson St., let contract at \$14,651 to Ward H. Fisher, 915 Hudson St., for store and filling station; Harry Reynolds, Archt., Mercantile Bldg. 3-29

Tenn., Chattanooga—Tennessee Realty & Development Co. erect \$40,000, 2-story, brick, stucco and conc. store-apartment, Willow St. and McCallie Ave.; English type, 100x70 ft.; C. S. Lindsay, Contr.; R. Maxwell James, Archt., Miss. Ridge.

Tenn., Knoxville — O. T. Roehl, 215 N. Broadway, erect \$12,000 brick store on Island Home pike; H. A. Gervin Co., Contr., 3028 Glenfield Dr.

Tenn., Memphis—C. L. Harlin has permit to erect one-story brick business building, 413-23 W. Eighth St., for S. L. Kahn, 260 Buena Vista St.

Tex., Alice—Felix Hobbs let contract a \$19,250 to J. A. Smith for one-story, hollo tile, brick and stucco store.

tile, brick and stucco store.

Tex., Corpus Christi—Wallace Dinn, 504
Mesquite St., and I. M. Alexander have permit for one-story, conc., brick and tile store,
1706-8 Alameda St.; O. J. Olsen, Contr.

Tex., Harlingen—F. A. Herrera erect \$10,000, one-story, 40x88-ft., brick, hollow tile
store; Wm. R. Mulhausen, Contr.; R. W.
Mulhausen, Archt.

Tex., Houston—Mrs. Lena Morales erect
\$20,000, one-story, brick veneer building and
bungalow, Lombardy drive; also barbecue
stand and filling station; Asa L. Hayes,
Contr.

Tex., Mission — Hayes-Sammons Hardware Co. let contract at \$20,200 to J. E. Walsh, Travis Bldg., San Antonio, for implement show room; 2 stories, 100x65 ft., tile. rein. conc., face brick, cast stone, tile roof; Decker & Tanner, Archts..

Theaters

Fla., Pensacola — Samuel Ludwig, Pres., Ludwig Film Exchange, Milwaukee, has per-mit for Garden Theater Improvements; \$50,-000; new roof, remodel and redecorate: Pen-sacola Shipbuilding Co., Contr., Little Bayou St.

St.

Okla., Norman—H. Gimeno & Co. erect \$125,000 theater; day labor.

Tex., Crystal City—W. B. Guillaudeu let contract at \$12,500 to J. C. Arnold, 307 Brady Bidg., San Antonio, for one-story, 50x 100, conc., hollow tile, brick theater; Will N. Noonan Co., Archt., Builders Exchange Bidg., San Antonio.

3-22

Bldg., San Antonio. 3-22
Tex., Cuero—Norma and Rubin Frels let
contract to Ed Wagner, Victoria, for 20x120ft. theater, Main St.; brick. hollow tile, conc.;
K. J. Leffland, Archt., Victoria. 4-19
Va., Winchester—Shenandoah Valley Theaters Corp., Isaac Weinberg, Staunton, let
contract to Nellson Construction Co., Harrisburg, Pa., for addition and remodeling Empire Theater; \$100,000.

Warehouses

Tenn., Nashville—M. J. Madden, No. 9
Arcade, erecting fur storage warehouse, 2417
W. End Ave.; rein. cone. vault, 40x68 ft.;
John H. Parmelee, Archt., Amer. Tr. Bldg.
Tex., Houston—E. R. Scott has contract
for one-story, 80x90-ft. brick and frame warehouse, Walker Ave. and St. Charles St.
Tex., Houston—J. F. B. Rawcliffe, 911
Lovett St., erct one-story, 56x100-ft., hollow
tile warehouse, Oliver St.; W. C. Hays,
Contr., Bkrs. Mtg. Bldg.

WANT **SECTION**

THE CLASSIFICATIONS IN THIS SECTION ARE:

Machinery and Supplies

Building Materials and Equipment

Bids Asked

Under this heading are reported requests for data, prices and literature and information on mandal kinds of materials and equipment and kinds of materials and equipment and miscellar a chinery, supplies and miscellanment used in building and con-eous materials of a wide variety. struction projects of every kind. supplies and construction work.

Items in this department are published without charge and these columns are open for the publication of wants of all kinds relating to construction work, machinery, materials and supplies.

Machinery and Supplies

Asphalt Shingle Cutting Machines.—Montgomery Corse, P. O. Box 264, Jacksonville, Fla.—Wants machines to make shingles from roll roofing, each shingle being accurately 18 in. square: either shear or cylinder type, single shear machine with foot lever preferred, machine not necessarily built for heavy labor. heavy labor.

Bearing Shims. — Harrington Mfg. Co., Lewiston, N. C.—Wants 2000 shims for bear-ings made out of card board, for peanut picker, 7 bearings.

Boiler Room Specialties, etc.—Neptune Supply Co., Inc., 2501 N. Peters St., New Orleans—Wants to represent manufacturers of boiler room specialties, etc.

Crane.-See Hoist and Tractor.

Dump Cars.—D. C. Elphinstone, 120 S. Calvert St., Baltimore, Md.—Wants ten 4 yd. 36-in. gauge dump cars; Western preferred.

Electric Locomotive. — D. C. Elphinstone, 120 S. Calvert St., Baltimore, Md.—Wants one 36-in. gauge electric mine motor, 8, 10 or 12 tons.

Garage Equipment.—Keystone Service Co., W. C. Ross, Mgr., 100 S. Williams St., Mo-berly, Mo.—Wants prices on following: (1) Car Greasing and Oiling Equipment (2) Car Washing Equipment.

Heater.—Tuscaloosa Compress Co., Tuscaloosa, Ala.—Wants one compress heater for 150 h. p. boiler, prefer 36-in. dlam. with 6-in. discharge; state condition and price.

Hoist and Tractor.—Stein-Brill Corp., 25 Church St., New York—Wants gasoline hoist, 12 h. p.; Fordson tractor with crane 2 to 5

Marine Supplies. — Neptune Supply Co., Inc., 2501 N. Peters St., New Orleans, La.— Wants surplus war material suitable for marine trade.

Mixing Machine.—C. A. Constantine, Dental Surgeon, 19½ Peachtree St., Atlanta, Ga.—Wants to correspond with manufacturers of tooth powder mixing machines, hand and power mixing machines.

Motors.—Hackley Morrison Company, Inc., (Mchy. Dealers), 304-6 N. Jefferson St., Rich-mond, Va.—Wants two 20 h. p., 110 volts, D. C., 1200 RPM, bare motors.

Pulley.—R. P. Johnson, Machinery Dealers, Wytheville, Va.—Wants prices on cast iron pulley, split or solid, second-hand, 72-in. diameter, 22 in. face, 5 15/16 in. bore.

Quarry Tools.—Missouri Granite Quarry and Construction Co., 7607 Warwick Drive, St. Louis, Mo.—Wants prices on jack drills, plug drills and small tools for quarry work.

Rails.—Lepold H. Metzger, P. O. Box 273, Mobile, Ala.—Wants 1000 tons 50-pound re-lay rails; also 1000 tons 56 pound, quote F. A. S. Gulf or Atlantic port.

Road Oil Distributor. — Brown - Craven Equipment Co., 706 Manning St., North Chat-tanooga, Tenn.—Wants 800 gal. capacity road oil distributor. Good used equipment, give age, make, location and price.

Rotary Shear.—Hackley Morrison Co., Inc., 204 N. Jefferson St., Richmond, Va.—Wants rotary shear for No. 8 gauge steel and ro-tary shear for No. 12 gauge steel.

Shovel (Steam or Gasoline).—D. C. Elphin-stone, Inc., 120 S. Calvert St., Baltimore, Md.—Wants one ¾ yd. or 1 yd. crawler, steam or gasoline shovel.

Squaring Shear.—Phelan Brooker Co., 504 Equity Bldg., Oklahoma City, Okla.—Wants one 10-ft. squaring shear.

Tank and Tower. — Tuscaloosa Compress Co., Tuscaloosa, Ala.—Wants one 100,000 gal. steel tank with 100 ft. tower; state condition and price.

Tin Can Machinery.—Joseph L. Scarbacher. 227 N. W. 22nd Lane, Miami, Fla.—Wants to correspond with manufacturers of machinery for making tin cans. Tractor.—See Hoist and Tractor.

Bag-All Corp., G. D. Hopper, Pres., 301
Tazewell Bldg., Norfolk, Va.—Wants to correspond with steel wire manufacturing company to manufacture 10,000 to 100,000 lots, either nickled or white enameled patented household device, made of non-rustable steel wire, know as Bag-All, container for garbage of various kinds, so that all garbage goes into can wrapped up.

Ches. E. Hillyev (Engr. Contr.), P. O. Rey.

Chas. E. Hillyer (Engr.-Contr.), P. O. Box 371, Jacksonville, Fla., wants prices on fol-

lowing:
(1) Boilers—40 h. p. for 10x10 two drum hoisting engine
(2) Crawler Cranes—with 40-ft, boom
(3) Hoisting Engines—two drum 10x10 two drum engines.
(4) Locomotive—2 gasoline, about 4 ton cannel

pacity
(5) Rails—3000 ft. narrow gauge.

Bottles.—R. S. Gibbs, 811 Hurt Bldg., Atlanta, Ga.—Wants to correspond with manufacturers of 1 dram and smaller size glass bottles with glass applicators.

Bronze Tablets.—Mrs. G. S. Barrett, Pres., Womans Dept. Club, Childress, Tex.—Wants bronze memorial tablets such as are used in buildings.

Furniture.—W. M. Loveless, Bus. Mgr., College of Industrial Aris, C. I. A. Station, Denton, Tex., wants prices on furniture for dormitory of 98 bedrooms; single beds, springs, mattresses, chairs and rockers, study tables, dressers, small rugs.

Gas Refrigerators.—Catawba Valley Light and Power Co., H. L. Miller, Morganton, N. C.—Wants to correspond with manufacturers of household refrigerating machines using gas instead of electricity.

Gazing Balls.—G. J. Montague (Mfr. Cast Stone Ornamentations), 15 E. Intendencia St., Pensacola, Fla.—Wants prices on gazing balls to be used on cast stone bases.

Lumber.—L. H. Thorne Planing Mill, 120 E. Cherokee St., Enid, Okla.—Wants lumber, soft and hardwood, as red and white oak, red and sap gum, white plne, yellow pine, etc., for mill and cabinet purpose.

Paper Bags.—Bag-All Corp., G. D. Hopper, Pres., 301 Tazewell Bldg., Norfolk, Va.— Wants to purchase paper bags for use in making garbage container.

Photostat Machine.—P. O Box 498, Greens-boro, N. C.—Wants second-hand photostat or rectograph machine and all necessary equipment to complete photostatic work.

Shoe Repairing Machinery.—R. B. Fink, Rocky Point, N. C.—Wants complete equipment for shoe repair shop.

Textiles.—Guggy Ray Corp., 16½ Bay St., Savannah, Ga.—Wants soft brown sheetings. 6-6.15 yd., 36, 32 in. wide; also mill ends and remnants of cheese cloth and gauze cloth.

Wood Mantels.—A. M. Atkinson (Archt.), Mid-Continent Bldg., Tulsa, Okla.—Wants to correspond with manufacturers of stock wood mantels.

Safeguard Specialty Corp. (Mfrs. of Purity Sterilizing Toothbrush Holders), 7927 N. E. Second Ave., Miami, Fla., wants prices on following:

Second Ave., Miami, Fla., wants prices on following:

(1) Brass Stampings — commercial nickel plate and polished
(2) Cartons—shipping
(3) Celluloid Stampings
(4) Chemicals
(5) Escutcheon Pins
(6) Felt Washers
(7) Glass Tops—pressed for purity holders, machine made
(8) Glass Vials—bottles, corks, etc.

Building Material and Equipment

Vinson B. Smith, Jr., Archt., Real Estate Bldg., Gulfport, Miss., moving offices and wants catalogs and literature to revise files. City Markets, Waylan Rupert, Tampa, Fla.. wants prices on following for \$32,000 market building: Dumb Waiters.

Vinson B. Smith, Jr., Archt., Real Estate Bldg., Gulfport, Miss., wants prices on fol-lowing for \$30,000 school, Pineville, Miss.: Cast Stone

Cast Stone
Rolling Partitions
Roofing—built-up
Steel Sash and Trim
Tile—hollow
Ventilators
Wire Glass
Bruss and Bronze Work,

Alsop & Callanan, Archts., U. & P. Bank Bldg., Memphis, Tenn., want prices on fol-lowing for \$15,000 church, Brooksville, Mass.: Cast Stone Flooring—tile Roofing—built-up, tile.

J. A. Prahl Contracting and Building Co., Contr., 5521 S. Grand Blvd., St. Louis, Mo., wants prices on following for \$26,000 build-

Floors—hardwood
Marble
Metal Cellings
Metal Fire Doors—(2) 30x70 ft., sliding.
Roofing—built-up
Steel Sash and Trim
Terra Cotta Trim
Wire Glass.

Rev. R. H. Stone, astor, Presbyterian thurch, Jefferson, N. C., wants prices on ollowing for church, Lansing, N. C.: Flooring—linoleum, tile Rolling Partitions
Roofing—asbestos shingle, built-up.

O. O. Concannon, 216 E. 13th St., Kansas City, Mo., wants prices on following for 11-story office building: Elevators Flooring—terrazzo, tile

Mail Chutes

Marble
Metal Cellings
Metal Doors
Steel Sash and Trim
Tile—gypsum, hollow, interior
Terra Cotta Trim
Ventilators
Wire Glass.

Cooper & Cooper, Archts., 403 Bona Allen Bldg., Atlanta, Ga., want prices on following for \$45,000 dwelling and garage: Flooring—hardwood, tile Roofing—slate.

R. F. Graff & Sons, Archts.-Engrs., Journal Bldg., Knoxville, Tenn., want prices on following for Roane County schools:
Floors—hardwood
Plaster Board
Roofing—built-up.

Herbert E. Neuhaus, 618 Union Natl. Bank Bldg., Houston, Tex., wants prices on fol-lowing for residence: Flooring—linoleum, tile.

Will N. Noonan Co., Archt., Bldrs. Exch. Bldg., San Antonio, Tex., wants prices on following for \$15,000 dwelling: Cast Stone Electric Refrigerator Flooring—hardwood, linoleum, tile Roofing—asbestos. shingle.

Tisdale, Stone & Pinson, Archts., Ind. Life Bldg., Nashville, Tenn., wants prices on following for \$25,000 dwelling:
Flooring—hardwood, tile Limestone Roofing—tile Tile—hollow.

B. C. Froman, Contr., Clayton, New Mex-ico, wants prices on following for \$125,000 high school, Panhandle, Tex.:

Rev. A. E. Moebus, Pastor, Zion E. L. Church, La Grange, Tex., wants prices on following for church:

Altar Bell Folding Doors

Lectern
Pews
Pipe Organ (small)
Pulpit.
Dr. H. M. Stricklen, Box 672, Tonkawa.
kla., wants prices on following for \$20,000
ospital, Arkansas City, Kan.:
Dumb Waiters
Flectric Refrigerators

Dumb Waiters
Electric Refrigerators
Roofing—asphalt shingle
Steel Sash and Trim.

Steel Sash and Trim.

Henry Fischer Packing Co., Carl T.
Fischer, V.-Pres., 1860 Mellwood Ave., Louisville, Ky., wants prices on following for
\$45,000 cold storage plant:
Elevators
Flooring—tile
Steel Sash and Trim
Tile—hollow
Wire Glass.

Bids Asked

Ash Handling and Storage System.—Archt U. S. Capitol, Washington, D. C.—Bids May I for ash handling and storage system for capitol power plant.

Air Exhausting System.—Treasury Dept., Office of Supvg. Archt., Washington, D. C.—Bids May 2 for furnishing and installing 2 air exhausting systems in rooms 417, 419 and 421 at United States Treasury Dept.

Barges.—Mississippi River Comn., 1st and 2d Dists., Memphis, Tenn.—Bids May 1 to construct and deliver 5 steel sand and gravel barges.

Benches.—Chas. E. Gross, Dallas, County Auditor, Dallas, Tex.—Bids May 14 for court-room benches: plans from Lang & Witchell, Archts., 300 Amer. Exch. Bank Bidg.

Boilers .- See Engines, etc.

Bridge.—Baltimore, Md. See Construction lews—Bridges, Culverts, Viaducts.

Bridges.—Nacogdoches, Tex. See Construc-tion News—Bridges, Culverts, Viaducts.

Bridge.—Quitman, Miss. See Co See Construction

Bridges.—Towson, Md.—Bids for 2 bridges ee Construction News—Roads, Streets, Pav

Bridges. — Montgomery Ala. — Bids for bridges. See Construction News—Bridges, Culverts, Viaducts.

Culverts, Viaducts.

Bridge Materials. — Caddo Parish Police Jury, J. T. Bullen, Engr., Shreveport, La.—Bids May 1 for creosoted bridge materials, f. o. b. cars—Blanchard: 100 pcs. 12x12x20; 28 pcs. 6x6x16; 24 pcs. 4x8x14, 24 pcs. 4x8x16, 12 pcs. 4x8x18, 12 pcs. 4x8x14, 24 pcs. 4x8x16 SIS to 3½ in., 28 pcs. 4x4x16 SIS to 3½ in., 28 pcs. 4x4x16 SIS to 3½ in., 10coring—24.000 F. B. M. 2x4-random lengths. 6 to 20 ft. SIS to 1½-in. "hit or miss"—2/3 to be 20-ft. long, 1/3 to be fair assortment of to 14 ft. lengths. Following f. o. b.—Gayle: 5 pcs. 12x12x20; 45 pcs. 4x6x16; 8 pcs. 4x6x26, 26 pcs. 4x6x26, 2 pcs. 3x8x24; 100 pcs. 4x4x16 SIS to 3½-in., 16 pcs. 4x4x16 SIS to 3½-in. SIS to 3½-in. "hit or miss"—2/3 to be 20-ft. SIS to 1½-in. "hit or miss"—2/3 to be 20-ft. long, 1/3 to be fair assortment, 6 to 20 ft. SIS to 1½-in. "hit or miss"—2/3 to be 20-ft. lengths. All to be square edge and sound, treated with 12 lb. creosote oil.

Caps and Cap Frames. — Marine Corps,

Caps and Cap Frames. — Marine Corps, Quartermaster's Dept., Washington, D. C.— Bids May 28 for 12,000 caps and 5000 cap frames, for delivery to Philadelphia, Pa. - Marine Corps,

Call System.—San Antonio Air Depot, Dun-can Field, Tex.—Bids Apr. 30 for one 10-call control sending station, 1 relay, 10 single stroke bells and 3 Klaxon horns.

Cedar Fence Posts. — H. L. Washburn, County Auditor, Houston, Tex.—Bids Apr. 30 for 2500 cedar fence posts.

Cotton Tape.—Depot Q. M. Marine Corps, hiladelphia, Pa.—Bids May 23 for 350,000 ls. %-in. white cotton tape.

Crane.—U. S. Engr. Office, 4th Mississippi Dist., New Orleans, La.—Bids Apr. 30 for electrically driven pier type crane ready for erection and operation, complete.

Creosoted Timber.—See Bridge Material. Creosoted Timber.-See Railroad Material.

Dikes.—U. S. Engr., Kansas City, Mo.—Bids May 1 for 7400 ft. standard pipe clump dikes in Missouri River at Mullanphy Bend, and 3500 ft. standard pipe clump dikes in Missouri River at Cote Sans Dessein Reach and Isbell Reach.

Dredge.—U. S. Engr. Office, Wilmington, Del.—Bids May 4 for furnishing and operat-ing hydraulic pipe line dredge for work in deep cut of Chesapeake and Delaware Canal.

queep cut of Chesapeake and Delaware Canal.

Dredging.—Town of Palm Beach, Fla., L.

Trevette Lockwood, Mgr.—Bids May 1 for
censtructing hydraulic fills in Palm Beach
Lowland Fill districts No. 1 and No. 2;
estimated quantities, No. 1,280,100 cu. yds.
and No. 8, 906,900 cu. yds.; specifications,
etc., at office of Town Mgr. and Butler, Barnett & Taylor, Engrs., 512 Citizens Bank
Bidg., West Palm Beach.

Electric Supplies.—Lake Charles Harbor and Terminal Dist. Bd. of Commrs., Guy Beatty, Pres., Assn. of Commerce Bldg., Lake Charles, La.—Blds May 8 for furnishing electrical supplies for wiring sheds 1, 2 and 3 at Lake Charles docks; plans from Elmer E. Shutts, Engr., 921½ Ryan St.

Engines, etc.—U. S. Engr., 921½ Ryan St.

Engines, etc.—U. S. Engr. Office, 4th Mississippi River Dist., New Orleans, La.—Bids Apr. 30 for 2 double cylinder hoisting engines complete, 2 double cylinder single drum swinging engines complete, 2 independent upright tubular bollers complete and independent sets of banked levers in quadrants complete.

Fire Alarm System.—Town of Bossier, Br. of Shreveport, La.—Bids May 1 for furnishing and installing Class "C" fire alarm system.

Green Kersey.—Marine Corps, Quartermas-r's Dept., Washington, D. C.—Bids May 24 or 60,000 yds. of 16 oz. green kersey, for elivery to Philadelphia, Pa.

delivery to Philadelphia, Pa.

Kitchen Supplies,—Marine Corps, Quartermaster's Dept., Washington, D. C. — Bids May 25 for kitchen supplies; for delivery to Philadelphia, Pa.

Levee, — U. S. Engr. Office, 911 McCall Bldg., Memphis, Tenn.—Bids May 17 for furnishing labor and materials for closing 2 crevasses in and enlarging levee near Pine Pluff Ark crevasses Bluff, Ark.

Lining Cloth, etc.—Marine Corps, Quarter-aster's Dept., Washington, D. C.—Bids May i for lining cloth and white felt padding, or delivery to Philadelphia, Pa.

for delivery to Philadelphia, Pa.

Mechanical Equipment.—District Commissioners, Room 320. District Bldg., Washington, D. C.—Bids May 10 for converting and reconditioning machinery in old McKinley Technical High School and delivering and installing in new McKinley Technical High School

Miscellaneous Supplies.—A. L. Flint, Gen. Pur. Officer. Panama Canal. Washington. D. C.—Bids May 4 for following; Sch. 1873: Condult, electrical supplies and fixtures. metal valves, hinges, bras cleanouts, foundry brushes, pine-tar oil, ink, blankets, centrifugal water pump, panelboards, etc.

Miscellaneous Supplies.—Panama Canal.

trifugal water pump, panelboards, etc.

Miscellaneous Supplies. — Panama Canal.

A. L. Filnt, Gen. Pur. Agt., Washington.

D.C.—Bids May 14; Sch. 1874; for following:

Automobiles, steel, pipe fittings, chain,
wire rope, panel boards, metal valves, warehouse trucks, paint and varnish, etc.

Miscellaneous Supplies.—Depot Q. M. Ma-ne Corps. Philadelphia, Pa.—Bids May 10 or 598 sets auger bits. 12,000 hacksaw lades, 60 ratchet braces, 10,000 sheets emery

Painting.—Bd. of Awards. Office of City Register, Baltimore, Md.—Bids May 2 for painting first floor of city hall. Paving.—Knoxville. Tenn. See Construc-tion News—Roads, Streets, Paving. Paving.—Baltimore, Md. See Construction News—Roads, Streets, Paving.

Pipe, etc.—Post Q. M., Marine Barracks. Parris Island, S. C.—Bids May 2 for soil pipe, ferrules, flanges, etc. Pipe (Cast Iron).—See Water Mains.

Pine (Galvanized Steel) .- See Water Works. Pipe (Cast Iron).—See Water Works.

Peeling Machine. — Q. M. Marine Corps, fashington, D. C.—Bids May 1 for vegeble peeling machine.

Plumbing Supplies.—Marine Corps. Quar-termaster's Dept., Washington, D. C.—Bids May 5 for plumbing supplies, for delivery to Quantico, Va. Quantico,

Pump.-U. S. Engr. Office, Savannah, Ga.-Bids May 14 for centrifugal pump and pare parts.

spare parts.

Railroad Building Material. — Louisiana Railway and Navigation Co., C. C. Colley, Pur. Agt., Shreveport, La.—Bids May 1 to furnish and creosote during period from date of acceptance to Dec. 31, 1928, following: 4000 pieces 7 in. by 9 in., 9 ft. bridge ties: 300 pieces 12 in. by 14 in. by 14 ft. bridge caps, rough; 900 pieces 4 in., 8 in., 16 ft. to 26 ft. bridge bracing, rough; 1000 pieces 6 in., 6 in. by 16 ft. guard rails, rough: above material to be square edged and sound dense short leaf pine for creosoting; 100,000

red oak and gum standard size No. 4 track ties, all oak ties to be yarded and treated separate as to woods and grades; 40 sets No. 9 and 20 sets No. 7 red oak and gum switch tiles for treatment; oak tile to be "S" ironed on each end; woods to be yarded separately, after properly seasoned to be treated.

Reinfercing Steel .- See Sewers,

Road.—Independence, Mo. See Construc-on News—Roads, Streets, Paving.

Roads.—Towson, Md. — Bids for 5 roads, ee Construction News—Roads, Streets, Pav-

Road.—Asheville, N. C. See Construction ws—Roads, Streets, Paving.

Roads. — State of Maryland — Bids for 6 roads. See Construction News — Roads, Streets, Paving.

Roofing.—Post Q. M., Marine Barracks, Parris Island, S. C.—Bids Apr. 30 for 300 rolls roofing.

School Furniture.—Shelby County Bd. of Education, J. H. Aycock, Chmn., Memphis. Tenn.—Bids Apr. 30 for 2000 No. 3 and 4 desks; 1000 No. 1 and 2 desks; 1000 opera chairs, 500 tablet arm chairs.

Sewers.—Commrs. of Sewerage, Board of Trade Bldg., Louisville, Ky.—Bids May 18 for constructing Whitney Ave.-Berry Blvd. sewer, Section B. Cont. No. 39; semi elliptical rein. conc. sewer, circular rein. conc. sewer; diversion chamber, manholes, etc.; 4349 ft. earth excavation in trench; 2110 cu. yds. Class A conc.; 291,000 lbs. rein. steel.

Sewage Disposal Plant. — City of Fort Worth, Tex.—Bids about June 1 for addition to sewage disposal plant, partial aeration plant, cost \$800.000; Hawley & Freese, 411 Capps Bldg., Designing and Conslt. Engrs. 4-19

Sewers.—Board of Commrs., Huntington, W. Va.—Bids May 7 for lateral sewer in Upland Addition, Eighteenth St.

Sheepskin Coats and Horsehide Gauntlets.

Depot Quartermaster, U. S. Marine Corps.
S. Broad St., Philadelphia, Pa.—Bids May
24 for 1000 sheepskin coats and 1400 pairs
horsehide gauntlets.

Silk, Cotton, etc.—Marine Corps, Quarter-master's Dept., Washington, D. C.—Bids May 28 for silk, sewing and thread, cotton, khaki; for delivery to Philadelphia, Pa.

Steel Hull.—War Dept., U. S. Engr. Office, Montgomery, Ala.—Bids May 25 for furnishing all labor and materials for constructing and delivering one steel hull for dredge "Blackwater."

Steel Cases.—Div. of Supplies, Dept. of Commerce, Washington, D. C.—Bids Apr. 30 for steel cases as required during fiscal year 1929,

Steel Hull.—U. S. Engr. Office, Montgomery, Ala.—Bids May 25 for constructing and delivering steel hull for dredge Blackwater.

Steel Towers.—Signal Corps, Third Corp Area, Standard Oll Bldg., Baltimore, Md.— Blds May 16 for erecting, guying and paint-ing two 150-ft. steel radio towers, placing of hoisting winch on conc. foundation, at base of each tower and placing grounding system.

Street.—St. Louis, Mo. See Construction ews—Roads, Streets, Paving.

Tank and Tower.-See Water Works

Ties .- See Railroad Building Material. Tile Floor.—See Rairoad Building Material.

Tile Floor.—Board of Awards, Baltimore,
Md., W. G. Hammond, Bldg. Engr.—Bids
May 2 for tile floor in boller room of high
pressure pumping station, South St.

Valves.—See Water Works.

Vegetable Peeling Machine.—Marine Corps, Quartermaster's Dept., Washington, D. C.— Bids May 1 for vegetable peeling machine, for delivery to Parris Island, S. C.

Water Main.—City of Gastonia, N. C.—Bids May 3 for constructing 20-in. c. i. water main, Long Creek to impounding reservoir and from reservoir to filter plant; work includes hauling, trenching, laying, testing, etc. to complete 14,000 ft. 20-in. c. 1. pipe line, universal c. i. pipe to be used furnished by city; W. E. Leeper, City Engr.

Water Mains.— Easton Utilities Comsn., Easton. Md.—Bids May 14 for excavating and backfilling about 5000 ft. trench and for lay-ing c. i. water mains and fittings, 4 to 20-in.; E.G. Kastenhuber, Jr., Town Engr.

Water Supply. — Water Works Comsn., Phenix City, Ala.—Bids May 3 for furnishing materials, equipment and constructing water works, consisting of river intake, pumping station, force main, settling basin, purification plant, filtered water reservoir.

and pipe line connections to present distribution system; Warren E. Darrow, Engrs., Columbus, Ga.

Water Works.—Comsn. of Public Works, Summerville, S. C.—Bids May 10 for furnishing and installing c. i. pipe, valves, hydrants and fittings and 15,000 ft. of 1½-in. galv. steel pipe; 250,000 gals. rein. conc. storage reservoir, erecting machinery to be furnished by town; furnish and erect 100,000 gal. steel tank on 100 ft. tower; Ryan Engineering Co., Engrs., Arcade Bidg., Columbia.

Water Works Equipment.—Town of Dallas, N. C.—Bids May 1 to furnish and install complete motor driven deep well pumping equipment for 3 wells; capacity 1 unit, 25 gals. p. m., against total head of 250 ft., one of 15 g. p. m. against head of 200 ft., and one of 60 g. p. m. against head of 360 ft.; Wm. M. Piatt, Engr., Durham.

Window Shades.—Commrs. Dist. of Columbia, Washington, D. C.—Bids May 16 for window shades required during fiscal year 1929.

May 8 for installing doors and window shades at U. S. Veterans' Bureau, Washington, D. C.—Bids May 8 for installing doors and window shades at U. S. Veterans' Hospital, Oteon, N. C.

INDUSTRIAL NEWS OF INTEREST

Items of news about industrial, railroad or financial interests, building operations, construction work, municipal improvements, or the sale of machinery or the letting of contracts in the South or Southwest, are invited from our readers, whether they are advertisers, or subscribers, or not. We invite information of this character from readers in the North and West about their Southern business operations, as well as from Southern readers. News of value will be published just as readily when from non-advertisers as from advertisers.

Atlantic Coast Line Railroad.

Prefaced by an expression of sorrow at the death of President John Reese Kenly, the annual report of the Atlantic Coast Line Railroad Company for 1927 shows total operating income of \$9,987,495, gross income of \$17,716,941 and net income of \$7,385,627. Operating revenues ran to \$80,426,296 and operating expenses and taxes to \$70,380,234. The company was active in the promotion of agriculture in its territory, and reports that "farming as an industry is on a better basis than it was a year ago, crop diversification has gone forward and farmers generally are in better shape financially." The road operated 5104.71 miles of main lines and branches. H. Walters is chairman of the board.

Varied Uses of Sheet Steel.

Much material of interest and value is presented in the April issue of "Making Markets," a monthly publication issued for the Sheet Steel Trade Extension Committee by Crosby-Chicago, advertising. In an attractive illustration on the cover page the issue shows that sheet steel can well be used "to dramatize its tremendous effectiveness as a medium for expressing beauty of form and finish," while another article presents the utilitarian viewpoint in "the value of steel barrels." A typical steel roadside dining car, the value of sheet steel in automobile construction, the sheet steel tube airplane and a complete steel house are among other subjects presented, all finely illustrated.

New Orleans Board of Trade.

Statistics of wide range and great value and interest are presented in the forty-fifth annual report of the New Orleans Board of Trade, Ltd., for 1927, together with reports of the various committees. Many subjects of national and local importance have been discussed and acted on and such proceedings are compactly described. The officers are: President, Fred W. Kunz; vice-presidents, W. L. Richeson, James Thomas and J. S. Cave; secretary, H. S. Herring; assistant secretary, Paul L. Loubere. There were 357 members at the close of the year.

Adopts Roller-Bearing Heads.

The Chambersburg Engineering Company, Chambersburg, Pa., announces the application of roller bearings to the rolls of their Board Drop Hammers. This represents a gain not only in considerable saving of power and in the elimination of alignment, but also in the elimination of interruptions of operation for olling and changing bushings. Chambersburg board drop hammers will be supplied hereafter either with roller bearings or with the old type bearings.

Bliss & Laughlin to Expand.

Bliss & Laughlin, Inc., of Harvey, Ill., a prominent producer in the cold-finished bar and shafting industry, with a complete line of such products, announce the purchase of the plant and property of Hotchkiss, Blue & Co., Ltd., also of Harvey. It is understood that the purchase was made to provide for expansion by a straight-line plant extension to take care of the company's requirements for many years. The first of the contemplated additions probably will be completed this year.

"Metal Statistics" for 1928.

The twenty-third annual edition of "Metal Statistics," 1928, published by American Metal Market, 11 Cliff street, New York city, shows characteristic progress in its presentation of statistical information concerning ferrous and non-ferrous metals. Various new tables have been introduced, and the publishers' ambition "to furnish statistics providing the information most generally desired by producers and consumers, buyers and sellers of metals and iron and steel products" seems to be realized. B. E. V. Luty and J. F. Brady are the editors. The price is \$2 net.

Warren Company, Inc., Expands.

Following recent acquisition of a large structure adjoining its present factory, the Warren Company, Inc., Atlanta, Ga., will install its paint factory in the building, with additional equipment by which the paint line will be largely increased. In the Warren Quality refrigerators and display cases the company manufactures from the raw state over 90 per cent of all materials by operating its own sawmill, paint factory, mirror and glass-working plant, brass foundry, machine shop, nickelplating and galvanizing plant and other departments. It produces its own electric current and its own water supply. It also has a paint and glass division. V. P. Warren is president of the company, which is an outgrowth of a partnership of V. P. and George T. Warren, who hold all the stock.

John Penn Brock

John Penn Brock, general manager of the Lebanon plant of the Bethlehem Steel Company, died suddenly in Rome, Italy, April 9. A graduate of Yale University, he entered the service of the Pennsylvania Steel Company in 1903 at Steelton, Pa., where he filled various positions. In 1907 he became identified with the American Iron and Steel Manufacturing Company at Lebanon, Pa., and became its vice-president and general manager, and upon its acquisition by the Bethlehem Steel Company in 1917 he was appointed general manager of this and all the steel-producing properties in Lebanon and Cornwall which now constitute the Lebanon plant.

Automatic Spark Control.

The Climax Engineering Company, Clinton, Iowa, has perfected and now offers for sale on its heavy-duty industrial engines a new Automatic Spark Control, which operates on a different principle from the conventional centrifugal governor type. It operates from the suction in the intake manifold and as the variation in pressure in the intake manifold is proportional to the load imposed upon the engine, the ignition is always timed correctly. There is said to be little loss of power and a saving of 10 per cent on fuel attained on intermittent loads, such as are encountered in earth-moving machinery, locomotives and similar classes of equipment. The automatic spark control can be quickly installed in the field on any model Climax engine.

Steel Company's New Office.

The Carolina Steel and Iron Company, Greensboro, N. C., has opened a sales office at Winston-Salem to provide closer contact between the company and its customers and to enlarge its ability to serve them. The office will be in charge of N. P. Hayes, with head-quarters in the Nissen Building. The company manufactures structural steel for buildings and bridges, with capacity of 1200 tons a month, and also is warehouse distributor for David Lupton's Sons Company, steel sash doors, etc., and is sales representative for the J. G. Wilson Corporation, rolling steel doors, etc.

T. L. Smith Company Changes Quarters.

The T. L. Smith Company of Milwaukee, manufacturers of mixers and pavers, announces the appointment of the R. P. Sweeny Company of Greenville as its representative for the State of South Carolina, with the exception of Chester, York, Lancaster, Chesterfield and Marlboro counties. The Smith account in South Carolina was formerly handled at Charlotte, but the new arrangement is designed to put Smith sales and service facilities in a better position to care for the requirements of customers in that territory. The new distributors handle a full line of contractors and industrial equipment.

Galion Iron Works Expands.

The Galion Iron Works & Manufacturing Company, Galion, Ohio, announces the completion of a new addition to its plant there, a brick and steel building, 90 by 340 feet. The factory is prominent among the world's largest road machinery plants. The company manufactures a complete line of road building machinery, including rollers in all sizes, one-man motor patrol graders for application to five different tractors, and straight and leaning wheel graders in sizes to meet all requirements.

Trade Literature

Pneumatic Tools and Accessories.—Riveting hammers, rivet cutters and busters, holder-ons, chipping hammers, scaling tools, clay diggers, rammers, tampers and air drills are some of the implements described in detail and illustration in Catalogue No. 561 issued by the Chicago Pneumatic Tool Company, New York City, with sales and service branches in all parts of the world. Many tables as guides are presented, and the subject is covered in full in most informative fashion.

Compressors and Vacuum Pumps.-Ingersoll-Rand Company, New York, has issued a new 44-page bulletin, No. 3150, on ER and FR Compressors and Vacuum Pumps, the small and intermediate size machines produced by the company. The compressors, handling either air or gas, are of straightline type and are built as single-stage, twostage or three-stage units. The single stage piston displacements of from 28 to 1084 cubic feet per minute at discharge pressures of 15 to 160 pounds to the square inch the multi-stage provide for discharge pressures up to 1750 pounds. The vacuum pumps are single-stage machines that differ from the compressors only in the vacuum cylinder. With intake closed, they will pull 28 to 29 inches of vacuum referred to a 30inch mercury column.

Cement Gun Shots.—The Gunite Concrete and Construction Company, Kansas City, Mo., has issued an attractive bulletin, "Cement Gun Shots, Bulletin No. 7." well illustrated, showing various classes of Cement Gun construction performed by the company in its 13 years of experience in this type. The information is designed to be particularly interesting to consulting engineers and architects, and the bulletin can be obtained on request from the company.

Steel Framing for Dwellings.—"The modern method of house construction" is the description given of steel framing for dwellings by the Steel Frame House Company, Pittsburgh, Pa., a subsidiary of the McClintic-Marshall Corporation, in a comprehensive brochure. All units used by the company, it adds, are composed of standard rolled steel structural sections, the method of punching and assembling providing unlimited construction possibilities and an easy means for attaching the building materials. All the steel framing is painted with a special anti-corrosive paint.

Welding and Cutting Equipment.—Information of importance in regard to the Oxy-Acetylene Welding Equipment manufactured by the Imperial Brass Manufacturing Company, 503 South Racine avenue, Chicago, Ill., is presented in a catalogue issued by that concern. As an announcement says, "there are hundreds of uses for Imperial Welding and Cutting Equipment"—blowholes can be quickly filled, holes punched or drilled incorrectly can be filled and, when dressed off or machined, no sign of the weld will show; short shafts or rods can be extended and other phases can be cared for. The service of the company's engineers is offered to inquirers.

Multipellor Pumps.—No bearings on the shaft and no lubrication requirements are cited as features of the new Multipellor pump now marketed by the Luitwieler Pumping Engine Company, manufacturer of non-pulsating pumps, Rochester, N. Y. In this the company feels that it has justified its theory that with an impellor machined on the inside, rotating over a stationary guide machined on the outside and with proper clearance, the water seal forms a perfect stabilization. The pump is described in detail and by flustrations in a circular issued by the company.

Pyramid Stone. -As described in a brochure issued by the Pyramid Stone Company, Houston, Texas, Pyramid is a manufactured stone, coming under the head of "cast stone," although it really is a tamped product. In the manufacture of cast stone a cement of pulverized limestone and clay, ground together and suitably treated, is mixed with crushed stone, gravel, sand and a large variety of materials, integral waterproofing compounds and Its use in construction is widespread: among the structures in which it has been used are the Soldiers' Field stadium at Chi-Wilson Memorial Church, Baltimore; American National Bank Building, Beaumont, Texas, and many other buildings mentioned in the pamphlet.

Miami Plans Threefold Campaign.

Miami, Fla., April 21—[Special.]—Reorganization of the Chamber of Commerce here, as recently accomplished, already has been marked by evidence of unanimous and co-operative determination to develop the city and its area on a practical, threefold line: Agriculture, industry and tourists. Experience has proved that this city and the territory of which it is the center are too great and of too great potential economic value to be devoted to the tourist business alone, and the people now propose to take full advantage of their many natural opportunities.

Some of the most substantial men in Greater Miami—for representation on the directorate has been given to each city surrounding Miami proper—are devoting their time and energy, through the new Chamber of Commerce, to evolving plans whereby the great possibilities of the section for tropical agriculture, various local industries and the creation of Latin-American trade connections can be developed to the fullest extent. Of course, the features which make this one of the world's greatest playgrounds and health resorts will not be neglected.

Officers of the new organization are as follows: President, Richardson Saunders, fiscal agent for the Penney-Gwinn interests; directors, A. L. Babcock, vice-president, Bank of Bay Biscayne, first vice-president; Morton Milford, managing editor, Miami Daily News, second vice-president; C. A. Preston, secretary; W. W. Culbertson, vice-president, First National Bank, treasurer; Frank B. Shutts, proprietor, Miami Daily Herald; Walter Bruns, representing Coral Gables; Capt. G. C. Westervelt, representing Hialeah, and W. A. Kohlept, representing Miami Beach. The executive secretary is Dr. A. W. Ziebold of the department of public welfare, who has been granted by the city a year's leave of absence to inaugurate the program of the Chamber of Commerce on its new basis.

The industrial committee will be under the leadership of Joe H. Gill, vice-president and general manager of the Florida Power & Light Co., and the organization of the other committees is being perfected.

A road bond issue of \$600,000 has been voted by Madison county. Mississippi, one-half of which has been sold.

International Advertising Convention.

The International Advertising Convention and Exposition will be held in Detroit July 8 to 12 and is planned to contain under one roof "everything relating to organized advertising in its every phase," and to hold a direct interest for advertising executives and for all engaged in marketing and selling. The Detroit Convention Board is sending out 250,000 invitations to business executives throughout the world, and delegations are expected from Great Britain, Germany and France.

R., F. & P. Railroad Re-elects Officers and

Eppa Hunton, Jr., was re-elected president of the Richmond, Fredericksburg and Potomac Railroad Co., and all members of the board of directors were retained in office at the ninetysixth annual meeting of the stockholders.

Election of Robert M. Nuet, of New York, to the board of directors to fill the vacancy created by the death of S. Davies Warfield, of Baltimore, was confirmed.

Fine New Building for San Antonio Papers.

Frank G. Huntress, president and general manager of the Express Publishing Company, publishers of the San Antonio Express and the San Antonio Evening News, announces that a new building will be erected exclusively for the use of the two papers. The structure will front 188 feet on Third street and 141 feet on Avenue E, with a basement 198 by 157 feet. It will be five stories with a three-story tower, the latter reaching a height of 120 feet above the street level. The main entrance will be on the corner and will lead into a spacious lobby. A special refrigerating system will be installed and circulating ice water provided. Additional printing machinery will also be installed. Herbert S. Green of San Antonio, is the architect.

New orders for terra cotta in March as reported to the Department of Commerce by 26 manufacturers who produced over 95 per cent of the terra cotta made in 1925, were 16,563 tons, as compared with 10,284 tons in February and 12,392 tons in March, 1927.

Marks of Understanding

Progress in business, as in any other activity, is the natural expression of Understanding.

Better business is the result of knowing human and material conditions—it's the mark of facts and figures. Larger profit is the mark of foresight and control. Loss and waste mark avoidable incidents—or accidents.

While the sincere desire of American business to serve efficiently and well is the most enlightening mark of all—the mark of human understanding.

"Understanding" Business is the mark of Modern Accountancy. Exact, well defined and clearly defining, its application is the check mark of modern progress.

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HOUSTON
SAN ANTONIO
WACO
DENVER
SAN FRANCISCO
LOS ANGELES

FINANCIAL NEWS

Bond Issues Proposed

Ala., Birmingham—Highway—Ward, Sterne & Co., offered to purchase \$300,000 Jefferson County bonds.

Ala., Montgtomery — State, Bibb Graves, overnor, receives bids May 1 for \$1,000,000 \(\frac{1}{2}\)% \$1000 denom, bonds for Mobile docks.

Aln., Selma-Wharf-City, reported, considering \$100,000 bond issue.

Ark., Forrest City-Linn Turley, Clk., St. Francis County Court, reported, receives bids April 30 for \$14,664 5% bonds.

Ark., Mena—Indebtedness—Bd. of Educa-tion, reported, plans selling \$70,000 bonds, last of Apr.

Ark., Texarkana—Board of Public Affairs, reported, plans \$317,000 bond issue: \$300,000, municipal building: \$10,000, fire dept.; \$17,000, street cleaning equipment: \$74,000, improve streets; erect bridge over Nix Creek, purchase airport site.

Fla., Bradenton—Road—Manatee County Commrs., receive bids May 7 for \$75,000 bonds.

Fla., Jacksonville—Paving—City Comn., John T. Alsop, Jr., reported, receives bids in about 4 weeks for \$387,000 bonds.

about 4 weeks for \$387,000 bonds.

Fla., Lake Placid, Sebring—Improvement—
City, reported, votes May 21 on \$200,000
bonds: \$30,000, city's portion for street paving; \$70,000, water works; \$10,000, white
way; \$75,000, golf links; \$8,000, fire truck.
Fla., Tavares—Lake County Bd. of Public
Instruction may call \$52,000 bond election for
Special Tax School Dist. 21.

Ga. Americas — New Era School Dist.

Ga., Americus — New Era School Dist., Sumter County, reported, votes Apr. 30 on \$20,000 bonds.

Ga., Cairo—Cairo Independent School Dist., reported, voted \$40,000 bonds.

3-29

Ga., Valdosta—Park—City, reported, votes lay 9 on \$150,000 bonds.

Ky., Louisville—Park—Bd. Park Commrs., oger E. Schupp, Sec., reported, receive Roger E. Schupp, Sec., reported, rebids May 1 for \$1,500,000 4% gold bonds

bids May 1 for \$1,500,000 4% gold bonds.

La., Alexandria—Road—Rapides Parish
Police Jury, reported, plans \$100,000 bond
election June 11 in Sub-road Dist. A, of
Road Dist. 21, Ward 4.

La., Natchitoches—Natchitoches Parish
School Board, E. A. Lee, Sec., reported,
receives bids May 8 for \$30,000 5% School
Dist. 4 bonds.

La., New Orleans—Water, Drainage, etc.— Electorate of State of Louisiana voted \$9,-000,000 bonds for drainage, sewerage and water facilities of city of New Orleans. 3-15

La., Shreveport—Caddo Parish School Bd. W. Jones, Supt., receives bids May 9 for 100,000 5% \$1000 denom. Dist. 14 bonds.

La., Winnsboro—Town, reported, votes May 22 on \$15,000 bonds: Fire truck, code type siren and fire boxes, water mains and flusher.

Miss., Biloxi—School—Mayor and Bd. of Councilmen, receive bids May 8 for \$100,000 bonds; voted bonds. 3-29 Miss., Ruleville — School—City, reported, votes Apr. 30 on \$30,000 bonds.

Miss., Columbia—Columbia Consolidated School Dist., reported, votes May 5 on bonds. Miss., Indianola—Road—Sunflower Coun-ty, Beat 1, reported, voted \$60,000 bonds.

Miss., Kosciusko — Attala County Bd., Drainage Commrs., G. J. Thornton, Clk., receives bids May 7 for \$90,000 Drainage Dist. 2 bonds.

Miss., Lexington — Courthouse — Holmes County, reported, votes May 4 on \$25,000

Miss., Meridian—School—Lauderdale County votes May 4 on \$50,000 bonds.

Miss., Union—School—Town. J. L. Lewis, Clk., reported, votes Apr. 30 on \$15,000 bonds. Lately noted defeated \$40,000 bonds.

Mo., Arcadia—Water—City, reported, considering \$10,000 bond issue.

Mo., Clayton — Road — St. Louis County, Judge, Wehmeyer, may vote June 26 on \$10,000,000 bonds.

000,000 bonds.

Mo., Ferguson, Ind. Branch, St. Louis—
City, S. G. Case, Clk., reported. votes May 1
on \$25,000 bonds. Lately noted vote Apr. 3.
3-29

Mo., Perryville — Water — City, reported, voted \$120,000 bonds. N. C., Asheville-Buncombe County Bd. of Education, A. C. Reynolds, Supt. Public Instruction, reported, receives bids May 10 for \$100,000 \$1000 denom., not to exceed 6% Valley Springs Special School Taxing Dist. bonds.

N. C., Hendersonville-School Funding Henderson County Commissioners, receive bids Apr. 30 for \$145,000 \$1000 denom. bonds; bidders to name rate of interest.

N. C., Kings Mountain—Water—Chas. G. Dilling, Town Clk., receives bids May 22 for \$250,000 bonds; Bruce Craven, Atty., Trinity.

N. C N. C., Sanford—Lee County Commrs., John W. McIntosh. Clk., receive bids May 7 for \$42,000 funding, and \$50,000, school funding

N. C., Whiteville—School Funding—Columbus County Commrs., G. C. Ratcliffe, Clk., receive bids May 8 for \$75,000 bonds.

Okla., Asher-Water-City, reported, plans selling \$24,000 bonds latter part of Apr. 4-19

Okla, Enid—City, reported, votes May 19 on \$500,000 bonds: \$70,000, sewage and water disposal; \$53,000, fire stations; \$50,000, city hall; \$20,000, park: \$161,000, storm sewers and bridges; \$125,000, water main extension.

Okla., Marshall — Water — City, reported, plans voting on \$75,000 bonds.

Okla., Stillwell—School—City considering \$14.000 bond issue.

Okla., Tulsa-Fire Station-City Auditor receives bids Apr. 27 for \$115,000 bonds.

a., Verdigris—School—City, reported. \$15,000 bonds; H. E. Carlile, School

Okla., Watonga-Road-Blaine County, reported, considering \$600,000 bond election.

S. C., Lancaster—Paving—City, reported. voted \$30,000 bonds.

S. C., Yemassee—Bd. of Trustees Yemassee School Dist. 26 receives bids May 8 for \$28, 000 not to exceed 6% bonds.

Tenn., Brownsville—Courthouse—Haywood County Court, reported, plans issuing \$40,000 5% warrants.

Tenn., Jasper-Road-Marion County Court receives bids May 5 for \$100,000 bonds. 4-12 Tenn., Knoxville—Refunding—City Coun-l, authorized \$1,500,000 revenue bond issue.

Tenn., Knoxville—Auditorium—City Coll, reported, plans \$350,000 bond election Tenn., Somerville—Road, Bridge—Fayette County, Road and Bridge Committee, W. T. Loggins, Sec., reported, receives bids May 3 for \$400,000 4½% bonds.

Tenn.

Tenn., Troy-Water-City, reported, voted \$24,000 bonds.

Tex., Anson—Road, Refund—Jones County, reported, considering \$1,385,000 bond issue. Tex., Bonham—School—City, C. M. Erwin, k., reported, voted \$50,000 bonds. 4-5

Tex., Brownsville—Road—Cameron County, scar C. Daney, Judge, reported, plans sell-g \$1,000,000 bonds soon after May 1. Tex., Dallas-Water, Sewer-City, T Ferguson, Mayor, considering \$60,000 \$100,000 bond issue.

\$100,000 bond issue.

Tex., Dallas — Levee — County Commissioners Court, granted authority to Dallas Levee Improvement Dist., to sell \$6,000,000 51/2% \$1000 denom. Trinity River Levee, traffic way, reclamation and improvement bonds.

Dickinson-School-Galveston County, O. E. Kennedy, Supt. of Education, Galveston, plans \$60,000 bond issue.

Tex., Eden—Water—City may vote on \$20,000 to \$50,000 bonds.

Tex., Edinburg — Road — Hidalgo County, Road Dist. 3, Alamo, reported, contemplates \$750,000 bond election.

Tex., Edna—Road—Jackson County, John T. Vance, Judge, reported, receives bids April 30 for \$85,000 or \$175,000 5% bonds.

Tex., Edna — Edna Independent School Dist. votes May 5 on \$65,000 bonds.

Tex., Fort Stockton—Paving—Town, reported, voted bonds. Tex., Marble Falls-Water-City, reported, votes May 19 on bonds.

Tex., Pasadena — Pasadena Independent chool Dist., Harris County, voted \$100,000

Tex., Pelly—Municipal Building—City, H. S. Leggett, Mayor, reported, votes soon on \$30,000 bonds.

Tex., Raymondville-Road-Willacy Coun-

ty, reported, voted \$500,000 Road Dist. 3 bonds.

Tex., Rockdale — Paving — City, reported, votes May 1 on \$100,000 5% bonds, 4-19

Tex., San Antonio—Improvement—City, C.
M. Chambers, Mayor, votes May 19 on \$4,-755,000 4¼% bonds: \$1,250,000, sewage disposal and additional sanitary sewer mains; \$750,000, paving and grading; \$600,000, widen and open streets; \$500,000, straighten river and creeks; \$150,000, bridges; \$300,000, fire and police buildings and sites; \$400,000, park; \$500,000, Carnegie library improvements, etc.; \$250,000, acquire and improve International Exposition grounds; \$55,000, purchase Spanish Governor's palace.

Tex. Taylor—City reported vector May 2

Tex., Taylor—City, reported, votes May 7 on \$250,000 41/2% water plant purchase bonds.

Tex., Terrell—Paving—City, W. B. Nicholson, Mayor, voted \$75,000 bonds. 3-1

Tex., Uvalde—City, reported, voted \$100,000 bonds for street paving, fire station equipment, park, city hall improvements. 4-5

Tex., Yoakum—Paving—C. C. Crutchfield, City Cik., reported, receives bids Apr. 27 for \$80,000 bonds.

Va. Lynchburg—City, R. W. B. Hart, City Manager, considering \$500,000 bond issue; \$19,500, bridges; \$196,000, paving; \$115,000, miscellaneous work; \$164,000, sewers; \$75,000, water extensions.

Va., Richmond — Water — Henrico County Court received high bid from Bankers' Trust Co., New York, \$211,318, for \$200,000 4½ % \$1000 denom. Sanitary Dist. 1 bonds.

W. Va., Clarksburg — Bridge — City, ported, may vote May 15 on \$60,000 bonds

W. Va., Clarksburg—Road—Harrison County, Tenmile Dist., considering \$260,000 bond election May 29.

W. Va., Hinton—Street, Bridge—City, reported, voted \$160,000 bonds.

Bond Issues Sold

Ala., Birmingham—Public Improvement—City Comn. sold \$380,000, 44% bonds, jointly, to Ward-Sterne & Co., American-Traders Natl. Bank, both Birmingham, and Bancitaly Corp., New York, premium \$1,204.

Ala., Dothan—J. L. Vaughn, City Clk., reported, sold \$180,000 school and stadium bonds to Caldwell & Co., Nashville, Tenn., and Marx & Co., Birmingham.

4-5

Ark., Helena—Hospital—R. G. Howard, City Clk., sold \$150,000, 6% bonds to M. W. Elkins & Co., Little Rock, 114.05 and accrued interest; \$36,000 paving bonds to Natl. Security Co., Little Rock, \$38,277.

4-12

Ark., Waldron—School Bd., reported, sold \$30,000 6% bonds to First Natl. Bank, Fort Smith, 106.5.

Smith, 100.5.

Fla., Fort Lauderdale — Road — Glenn E.

Turner, City Auditor-Clk., sold \$162,000 of
\$180,000 6% bonds to Spitzer-Rorick & Co.,
Toledo, Ohio, par and accrued interest.

Lately noted sold \$180,000 bonds.

4-5

Fla., Gainesville—Board of Public Instruction, reported, sold \$38,000 6% High Springs School Dist. bonds to Brown-Crummer Co., Wichita, Kan., \$2180 premium. 3-29 Fla., Lakeland—Refunding—Hanchett Bond Co., Chicago, Ill., and Florida Natl. Bank, Jacksonville, reported, purchased \$1,600,000 5½% bonds, par and accrued interest.

5½% bonds, par and accrued interest.

Fla., Tampa—A. B. Steuart, Comptroller, reported, sold \$906,000 improvement bonds to First Natl. Bank: \$006,000, 4½%, premium \$848; \$300,000, 4½%, premium \$420. 4-5

Fla., West Palm Beach—Highway—Palm Beach County Commrs., reported, sold \$129,000 6% bonds, jointly, to Municipal Investment Corp., West Palm Beach, Prudden & Co., and Spitzer, Rorick & Co., both Toledo, Ohio, 92 plus accrued interest. 3-29

Ky., Cynthiana—Road, Bridge—Harrison County Commrs., reported, sold \$125,000.5% bonds to Bohmer-Reinhardt & Co., Cincinnati, Ohio, par, accrued interest and \$6,338.

Ky., Henderson—Road—Henderson County.

Ky., Henderson—Road—Henderson County, reported, sold \$200,000, 4.25% bonds to Taylor, Wilson & Co., Inc., Cincinnati, Ohio, \$747 premium.

Md., Salisbury—Water, Sewer—E. J. C. Parson, City Clk., sold \$50,000 4½% \$1000 denom. bonds to Townsend Scott & Son. Baltimore, 107.68.

(Continued on page 96)



FIRST NATIONAL COMPANY
Broadway Olive & Locust

Broadway Olive & Locus ST. LOUIS, MO.

Investment Division of the First National Bank in St. Louis

FINANCIAL NEWS

(Continued from page 94)

(Continued from page 94)
Mo., Poplar Bluff—School—City, reported, sold \$57,000, 4% bonds to Wm. R. Compton Co., St. Louis, \$56,545.
N. C., Charlotte—Mecklenburg County, reported, sold \$75,000 3.9% notes to Independence Trust Co.

ence Trust Co.
S. C., Ridgeland—H. K. Purdy, Sec. Bd. of Trustees, Hardeeville Joint School Dist., reported, sold \$28,000 bonds to South Carolina Natl Rank.

Natl. Bank.

4-12

Tenn., Troy—Water—City, reported, sold \$24,000 5¼% bonds to Security Natl. Bank, Jackson, Tenn.

Tex., Dallas—Improvement—City, reported, sold \$5,575,000 4½% bonds, jointly, to Geo. L. Simpson & Co., Inc., Dallas, Fred Emert & Co., Inc., St. Louis, 100.97.

Tex., Karnes City—Road—Karnes County, D. O. Klingeman, Judge, sold \$475,000 5% Road Dists. 1, 3, 4 and 7 bonds to Surety Trust Co., Austin, A. T. Bell, San Antonio, Roger H. Evans, Dallas, premium \$8597, 3-29

Tex., Paducah—Road—Cottle County, reported, sold \$100,000, 4½%, Series C bonds to Roger H. Evans, Dallas, 102.41.

Tex., Post—R. N. Smith, City Sec., sold

to Roger H. Evans, Dallas, 102.41. 3-29
Tex., Post—R. N. Smlth, City Sec., sold
\$100,000 4½% \$1000 denom. Independent
School Dist. bonds to Brown-Crummer Co.,
Wichita, Kan., par, accrued interest, and
\$500. 3-22

Tex., Sweetwater—Water, Sewer—C. W. Bryant, Mayor, sold \$250,000, 4%%, \$1,000 denom. bonds to Brown-Crummer Co., Wichita, Kan., par, \$5,005 premium.

Va., Boydton-Town Council, reported, authorized \$75,000 bond issue for water and

Va., Hopewell—Sewer, Jail—Ryan, Sutherland & Co., Toledo, Ohio, reported, purchased \$50,000 bonds.

Va., Richmond—Sewer—Henrico County Supvrs., Washington Bottoms, Chmn., re-ported, receives bids April 20 for \$200,000 4¼%, \$1000 denom. Sanitary Dist. 1 bonds.

New Financial Corporations

Ark., Luxora — Bank of Luxora, capital \$25,000, organized; J. W. Span, Pres.; J. A. Rush, Cashler. 4-19

Aush, Cashier.

Ark., Smackover—J. C. Wilson, Little Rock, interested in re-organizing Smackover Bank, with \$25,000 capital.

Ky., Walton—Dixie State Bank, Main St., capital \$25,000, organized; John C. Miller, Pres.; C. D. Benson, Cashier.

4-19

La., Lafayette—Commercial Natl. Bank of Lafayette, capital \$100,000, organized; L. P. LeBlanc, correspondent.

Mo., St. Joseph - McMurtrie Investment

Co., capital \$50,000, incorporated; H. R. McMurtrie, Tootle Bldg.
Tex., Crystal City—First Natl. Bank of Crystal City, capital \$25,000, organized; E. L. Addison, correspondent.

Tex., Wolfe City-Wolfe City Natl. Bank, capital \$25,000, chartered; C. S. Mitchell, Pres.; R. L. Mullins, Cashier.

Trust Co. of Georgia, Atlanta, Ga., will open branch office, 10 Bryan St., Savannah, Ga.; Henry B. Carter, Mgr., bond department.

Commonwealth Power Corporation.

Confidence that 1928 "should be another favorable year for the company" is expressed in the annual report of the directors of the Commonwealth Power Corporation for 1927, which shows net earnings, before provision for retirement reserve and depletion, of \$24,-741,603 and net income available for retire ment reserve, depletion, dividends, etc., of \$12,413,628. The Tennessee operations, conducted by the Tennessee Electric Power Company and its principal subsidiary, Nashville Railway and Light Company, serve directly cities and towns with an estimated aggregate population of 370,000. The electric proper-ties of the Tennessee company include seven hydro-electric plants and four steam-electric, with total installed generating capacity of 283,520 horsepower. It also operates under lease steam plants at Knoxville and Richard City, with combined installed generating capacity of 1105 horsepower. Electricity is supplied directly to more than 91,259 cus-tomers over 803 miles of transmission and 7515 miles of distribution lines. George E. Hardy is president of the Commonwealth company.

Glass Factory Year Book.—The Glass Fac-tory Year Book and Directory for 1928, published by the American Glass Review, Pittsburgh, Pa., gives nearly 200 pages of information of value to that trade and to all having dealings with it. Glass products of all kinds are covered, trade associations and workers' organizations are named: the directory is comprehensive and even the advertisements are of interest.

Chicago Office Changes Quarters.

Beginning May 1, the Chicago office of Reading Iron Company, Reading, Pa., will be at 1714 Engineering Building, 205 West Wacker Drive, instead of 449 Conway Building. This office is under the direction of R. A. Griffin, district sales representative.

Patent Firm Near Patent Office.

Chandlee & Chandlee, attorneys in patent matters, with offices in Washington, D. C., have moved their quarters in that city to the Washington Loan & Trust building, corner of Ninth and F streets, N. W. The new loca-tion is opposite the United States Patent Office. This firm has been active in its line for 30 years.

Book Review

Casualty Insurance. C. A. Kulp, A. M., Ph.D. New York: Ronald Press Company. Cloth. Pp. 610. \$6.

In this volume is presented a thorough and well-rounded discussion of important principles of the different lines of this branch of insurance. The provisions in the various forms of policies, and the endorsements that frequently are added, are analyzed and explained in a manner that shows what are the rights, duties and liabilities of the insurance company and the insured. In addition, the volume treats of the methods of determining rates and premiums for the several kinds of coverage. Besides workmen's compensation, other lines covered are: Automobile, includ-ing compulsory automobile liability insurance; public liability and property damage; burglary, theft and robbery; plate glass; power plant; credit; check alteration and forgery; water damage; sprinkler leakage; combination residence; accident and health. The book should be of value to insurance men in the home office and agents in the field, as well as to all interested in the purchase of casualty insurance.

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which is proving good for both borrowers and depositors, and may be called the keystone of our success.

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GWYNN CROWTHER, President

26 South Street, Baltimore, Md.

Capital and Surplus \$1,350,000.00

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Capital \$1,000,000

Surplus \$1,700,000

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GENERAL SECURITIES CORPORATION

Investment Bankers

General Offices

BIRMINGHAM

ALABAMA

SOUTHERN TEXTILE HEADS BACK COM-PANY TO BUILD LOOM PLANT.

Organized at Spartanburg and Plans to Start Work Promptly-Officers and Directors Widely Known.

Spartanburg, S. C.-Organization of the Standard Looms, Inc., for the establishment of a big plant here to manufacture cotton and silk looms, loom parts and supplementary machinery, has been effected with the following officers: Isaac Andrews, Spartanburg, president; Jonas Northrop, vice-president and general manager, and Frank Norcross, secretary and treasurer. The company has an authorized capital stock of \$750,000 par value 7 per cent cumulative preferred stock and 15,000 shares of no par value common stock to be held under a voting trust agreement, 12,500 shares of which will be presently outstanding.

The proposed plant will consist of machine shops, assembling plant and foundry, with necessary additional buildings and railroad sidings. It will have an initial capacity of approximately 5000 looms per year, in addition to its production of loom parts, and will be so designed that extensions May be built at a minimum additional cost. Lockwood, Greene & Company, Inc., Spartanburg, are the engineers.

Voting trustees of the organization include Former Governor Richard I, Manning of South Carolina; Captain Ellison A. Smyth, president of the Balfour Mills, Inc., Balfour, N. C., and the Belton Mills, Belton, S. C.; V. M. Montgomery, president of the Pacolet Manufacturing Company, Pacolet, S. C., and the Gainesville Cotton Mills; Z. F. Wright, president of the Newberry Cotton Mills, Newberry, S. C.; Mr. Andrews, Mr. Norcross and Mr. Northrop.

Mr. Andrews is head of the Andrews Loom & Harness

Works, and owns many business properties here, including an 8-story office building. Mr. Northrop is widely known in the textile trade, having been interested in the manufacture of textile machinery for the past 30 years. He was with the Draper Corporation for 10 years and the Hopedale Manufacturing Company for 15 years, and was largely instrumental in developing two makes of looms. He is patentee of about 300 patents.

The following directors have been selected: Isaac Andrews; Stuart Cramer, Jr., treasurer of Cramerton Mills, Cramerton, N. C.; John A. Law, president of Saxon Mills, Chesnee Mills and the Central National Bank, Spartanburg; W. S. Montgomery, president of Spartan Mills, Spartanburg, and treasurer of Laurens Cotton Mills, Laurens; Frank Norcross; Jonas Northrop, and Col. Leroy Springs, president of the Lancaster (S. C.) Cotton Mills.

Addition for Dallas Medical Arts Building.

Dallas, Tex.—The Cary-Schneider Investment Company has awarded contract to the McKenzie Construction Company. Dallas, to erect an auditorium addition to the 21-story medical arts building here and install library. Hospital-clinical facilities will also be provided. Herbert M. Greene, LaRoche & Dahl. Dallas, are the architects.

New Lumber Plant for Shreveport.

Shreveport, La.-The Michigan-Louisiana Lumber Industries, Inc., capitalized at \$300,000, has organized with Charles Dreggs, Grand Rapids, Mich., president, and E. A. Frost, Shreveport, vice-president, to build a plant here for the manufacture of dimension or semi-finished wood for the furniture and other industries.

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John C. Simpson, A. M., Principal

ATLANTIC COAST LINE RAILROAD COMPANY

Richmond, Va., April 17, 1928.

To the Stockholders of the Atlantic Coast Line Railroad Company:

The Board of Directors of the Atlantic Coast Line Railroad Co nits the following report for the year ended December 31, 1927:

INCOME ACCOUNT.

1927	1926		
Operating revenues	\$97,086,517.07 70,701,770.46	Dec.	\$16,660,220.75 6,371,535.61
Net operating revenues\$16,096,061.47 Railway tax accruals6,050,000.00	\$26,384,746.61 6,725,000.00	Dec. Dec.	\$10,288,685.14 675,000.00
Net operating revenues, less taxes. \$10,046,061.47 Uncollectible railway revenue 58,566.04	\$19,659,746.61 22,630.12	Dec. Inc.	\$9,613,685.14 35,935.92
Total operating income	\$19,637,116.49 6,779,787.50	Dec. Inc.	\$9,649,621.06 949,658.80
Gross income	\$26,416,903.99 2,057,586.00	Dec.	\$8,699,962.26 412.695.00
operating income	\$24,359,317.99 7,090,674.12	Dec.	\$9,112.657.26 37,370.10
\$8,193,356.71	\$17,268.643.87	Dec.	\$9,075,287.16
Miscellaneous deductions from in- come	2,806,356.94	Dec.	1,998,627.67
Net income \$7,385,627.44	\$14,462,286.93	Dec.	\$7,076,659.49

INTEREST AND RENTALS.

	1927	1926
Interest on funded debt	\$6,221,722.48 5,404.00 157,500.00 205,207.25 177,125.00	\$5,997,542.00 5,404.00 420,000.00 280,725.25
1, 1921 Dividend on equipment trust certificates of February 1, 1926 Interest on Brunswick & Western Income bonds	214,469.29 200.00 71,676.00 87,053,304.02	190,051.87 250.00 50,076.00 \$7,090,674.12

^{*}Retired as of May 15, 1927.

DIVIDENDS.	
Dividends were declared as follows during the year: To Preferred Stockholders, 5 per cent	
operating income 2,470,281.00 Total amount of dividends to Common Stockholders, 10 per cent	\$8,234,270.00

OPERATING REVENUES.

	1927	1926	DECREASE	CENT
Freight Passenger Excess baggage Mail Express All other transportation. Incidental and joint facility.	14,955,527.71 115,046.11 1,523,180.10 2,527,954.56	\$68,001,687,40 21,257,076.85 153,682.97 1,619,617.77 2,827,798.32 885,391.54 2,341,262,23	\$9,162,615.94 6,301,549,14 38,636.86 96,437.67 299,843.76 274,961.07 486,176.31	13.47 29.64 25.14 5.95 10,60 31.06 20.77
Total	The second secon	\$97,086,517.07	\$16,660,220.75	17.16

OPERATING EXPENSE	S AND TAXES		PER
1927	1926	DECREASE	CENT
Maintenance of way and structures \$13,229,875,25 Maintenance of equipment 16,842,645.52 Trafflo 1,983,339,81 Transportation 29,539,992.03 Miscellaneous operations 708,914.01 General expenses 2,139,332,38	\$13,018,939.26 18,518,916.17 1,878,173.05 34,469,600.31 834,480.09 2,049.717.87	\$210,935.99* 1,676,270.65 105,186.76* 4,929,608.28 125,565.18 89,614.51*	1,62 9.05 5.60 14.30 15.05 4.37
Transportation for investment —Credit (13.865.05	68.056.29	45.808.76*	67.31
\$64,330,234.85 Railway tax accruals. 6,050,000.00	\$70,701,770.46 6,725,000.00	\$6,371,535.61 675,000.00	9.01 10.04
Total\$70,380.234.85	\$77,426,770.46	\$7,046,535.61	9.10

GENERAL REMARKS.

It is with deep regret and sorrow the Board reports the death on March 1, 1928.

Mr. J. R. Kenly, President of your Company. The memorial to Mr. Kenly as lopted by your Board of Directors will be found on page 4.

In the previous annual report mention was made of the proposed lease of the 39.50 miles of railroad in North Carolina owned by the Washington & Vandemere Railroad Company, the entire capital stock of which is owned by Atlantic Coast Line Railroad Company. With the approval of the Interstate Commerce Commission, the said lease was effected as of May 1, 1927, on the same terms as outlined in the previous report. except that the lease is for a period of 70 years to expire on May 1, 1997, instead of 99 years, as stated in the previous report.

During the year an application was made to the Interstate Commerce Commission for authority for the nominal issuance of \$74,596,244.48 of General Unified Mortgage Series "A" 44.59 Bonds, to be held in your Company's treasury, for actual issuance by sale or otherwise only when and as authorized by the interstate Commerce Commission, and the Commission, on April 3, 1928, issued its order, Finance Docker, No. 6588, by the terms of which order, and action to be takens thereunder by your Company, the said Bonds will be nominally issued. The said General Unified Bonds were heretotore certified by the Corporate Trustee of the General Unified Mortgage and delivered to your Company to cover (lat) actual money cost of betterments and improvements to your gragetry, (2nd) for amounts disbursed in retiring underlying bonds hat were held by the public and (3rd) in exchange for certain underlying bonds previously held be your Company's treasury. This application was made to the Commission in order-to have the said bonds nominally issued into your Company's treasury as defined by regulations of the Interstate Commerce Commission.

Hearing, before representatives of the Bureau of Valuation of the Interstate Commerce Commission, on the tentative valuation of your Company's property was begun in March, 1927. Motion for formal conferences on engineering, land and accounting was granted, at which conferences agreement was reached on a number of disputed questions. The hearing was resumed in October, 1927, and is yet in progress, at which your Company's treating and any into service during the year, as follows:

Winter Park to Orlando, Fla.

448

Winter Par Dade City	rk to Orlando, to Vitis, Fla.	Fla	Miles 6.46 5.09
Total			11.55

Freigh	t Revenues							9 0										\$9	.16	2.61	5.9	4
Passen	ger Revenues							 0.0	0		0 1		0 0		0 0			6		1,54		
Other	Transportation	1	\mathbf{R}	ev	er	ıu	08		0	0 1	 							1	,190	8,05	5.6	7
																		-	-			

The larger part of the decrease in revenues from freight handled is due to the aftermath of the abnormal building and other boom conditions existing in Florida during the years 1925 and 1926, and also to completion of most of the program for building public highways in your Company's territory. The principal decreases in tonnage of commodities handled over your lines, it will be noted by reference to page 57 of this report, were in

page 57 of this report, were in

Clay, gravel, sand and stone,
Other products of mines,
Lumber, timber, etc.
Bar and sheet metal,
Cement, brick and artificial stone,
Automobiles and auto trucks,
Refined petroleum and products,
Fertilizers, and
Less than carload freight shipments.
There have been increases in the handled tonnage of

Cattle and hogs.

The decline in passenger revenue for the year 1927 is largely due to the falling off in through passenger travel to and from Florida and West, also to greater inroads of private automobiles and bus lines into the short haul passenger business, and also to increased water competition to ports along the Atlantic Coast and to Cubs. Economies in operation were effected to reduce Operating Expenses for the year 1927 by \$6,371,535,61, the principal reduction being through curtailment of train and transportation services, and in expenditures for maintenance of equipment, which became possible due to the high state of efficiency in which the equipment of your Company has been placed in recent years.

Effective January 15, 1928, the railroads in the Southeast, by order of the Interstate Commerce Commission, were required to put into effect new class rates based, to a much greater extent than heretofore, upon distance carried. In some cases the new rates are higher but in the aggregate in your Company's territory they will produce a material decrease in revenue.

Attention is called to the following statements submitted as a part of this report: Roadway Operations.

Roadway Operations,
Equipment,
Additions and Betterments charged to Cost of Road,
Additions and Betterments charged to Cost of Equipment,
Increase in Cost of Road and Equipment,
Accounting Department Statistics,

The Board of Directors acknowledges its appreciation of the support by the patrons of the Company and of the services of its officers and employes.

H. WALTERS, Chairman.

YOUNG & SELDEN COMPANY

MANUFACTURING

Bank and Commercial Stationers BALTIMORE, MD.

Cotton Ginning Machinery CONTINENTAL GIN COMPANY

Birmingham, Alabama



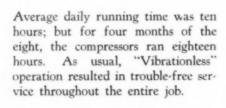
Speedy Rock Removal COMPRESSOR



On Henry Hudson Road

HEAT, rain, and almost constant operation failed to stop Vibrationless Compressors on the Henry Hudson Roadway.

S. J. Groves and Sons were building 6.4 miles of road from Alpine to Palisade, New Jersey. Excavation ran 12,000 yds. to the mile, with 60 per cent rock. And the contractors selected two Sullivan Vibrationless Compressors to insure a constant air supply for the hammer drills.



You, too, can make bigger profits now with Vibrationless Compressors. Speedier completion of contracts, and reduced overhead for men and machines, are yours today—for specifying "Sullivan Vibrationless" when you buy portable compressors.

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Buster Catalog 1281-1



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Sullivan
Machinery Company
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The NATION AWAKES TO the advantages of the INDUSTRIAL SOUTH

Never in the history of the South has its material expansion been of such magnitude, so rapid and of such a diversified character as it is today. The business people of all sections are realizing that with its marvelous resources the South is destined to be one of the greatest industrial centers of the world. The trend of industry is pronouncedly toward the South, not only in textile manufacturing but in other lines.

Money is being poured into the South by the greatest capitalists and business organizations in America. Hydro-electric developments on an enormous scale are going forward all over the South, and the expansion of steam-electric stations is equally as great. Over half of the increase in installed capacity of water power plants of the country during the last two years is in the South. In the South electric power is being generated by powdered coal, lignite and oil at a cost which is bringing about a great industrial development in Louisiana, Texas and other Southwestern States.

Every business man and woman in America is vitally interested in studying this situation. The great natural asset of the nation—the South—is now being developed on a scale which will match, if not surpass, the most active development ever heretofore seen in the United States, and that means the world.

The story of the South's resources, progress and possibilities will be brought down to date in the descriptive and statistical presentation in the

BLUE BOOK SOUTHERN PROGRESS

Distribution about May 1, 1928

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MANUFACTURERS RECORD
Baltimore: Maryland



PROPOSALS

BOND ISSUES

BUILDINGS

PAVING

GOOD ROADS



Bids close May 25, 1928

WAR DEPARTMENT, United States Engineer Office, Montgomery, Ala. SEALED BIDS, in triplicate, subject to the conditions contained herein, will be received until 2 P. M. May 25, 1928, and then publicly opened, for furnishing all labor and materials and performing all work for constructing and delivering one steel hull for dredge "Blackwater." Further information on application.

Bids close May 8, 1928.

\$28,000 School Bonds

Yemassee, S. C.

Yemassee, S. C.

Sealed bids will be received by the Trustees of Yemassee School District No. 26 on or before the Sth day of May, 1928, at Yemassee, S. C., at 10 o'clock A. M., for the sale of Twenty-eight Thousand (\$28,000) Dollars of Yemassee School District Bonds, said bonds to bear interest at a rate not exceeding six per cent per annum, and will mature serially, first bond two years from date and the last bond not more than twenty years from date, interest payable annually or semi-annually, as purchaser desires.

The Trustees reserve the right to reject any and all bids, and if no bids are accepted will proceed to sell said bonds at auction. All bids must be accompanied by certified checks for Five Hundred (\$500) Dollars, payable to said Trustees, to show good faith of the bidder, and must be deposited with the Trustees before 10 o'clock A. M. on May 8, 1928.

For any information concerning these bonds and ye for the Med Williams Chair.

8, 1928.

For any information concerning these bonds apply to H. McM. Williams. Chairman, Yemassee, S. C.

Bids close May 1, 1928.

State Highways

DEPARTMENT OF PUBLIC WORKS STATE OF MARYLAND STATE ROADS COMMISSION

NOTICE TO CONTRACTORS

Baltimore, Md.

NOTICE TO CONTRACTORS

Baltimore, Md.

SEALED PROPOSALS for building five sections of State Highway as follows:
Carroll County, Cont. C1-70—One section of State Highway from end of Cont. C1-57. near Asbestos, to the Baltimore County Line, a distance of 1.66 miles. (Concrete.)

Queen Annes County, Cont. Q-45—One section of State Highway from Stevens-ville toward Love Point for a distance of 1.68 miles. (Concrete.)

Caroline County, Cont. C0-45—One section of State Highway between Whitleysburg and Greensbore for a distance of 1.0 mile. (Concrete.)

Talbot County, Cont. T-30—One section of State Highway between Tripps Creek Bridge and Peachblossom Bridge, a distance of 1.45 miles. (Concrete.)

Baltimore County, Cont. B-39-B—One section of State Highway along the Philadelphia Road from end of Cont. B-39-A, at Devil's Elbow to Whitemarsh, a distance of 3.98 miles. (Concrete Shoulders.)

will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 1st day of May, 1928, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

General Assembly of Maryland together contracts.

The Commission reserves the right to reject any and all bids.

BY ORDER of the State Roads Commission this 12th day of April, 1928.

JOHN N. MACKALL, Chairman.
L. H. STEUART, Secretary.

RATE: 35 cents per line per insertion. PUBLICATION DAY: Thursday. FORMS CLOSE: 4 P. M. Monday. DAY LETTER: When too late to send copy by mail to reach us by 4 P. M. Monday, forward by day letter. THE DAILY BULLETIN OF THE MANUFACTURERS RECORD: Published every business day; gives information about the industrial, commercial and financial activit.es of the South and Southwest.

The Daily Bulletin can be used to advantage when copy cannot reach us in time for publication in the Manufacturers Record before bids are to be opened, or when daily publications are necessary to meet legal requirements.

The same rate applies—35 cents per line per insert or

The same rate applies—35 cents per line per insert.on.

Bids close May 21, 1928.

Bids close May 21, 1928.

TREASURY DEPARTMENT, office of the Supervising Architect, Washington, D. C., April 21, 1928.—SEALED BIDS will be opened in this office at 3 P. M., May 21, 1928, for furnishing of all labor and materials and performing all work required for the construction of the foundations, etc., of the building for the U. S. Bureau of Internal Revenue, Washington, D. C. The work will include excavation, concrete pile foundations consisting of approximately 7000 piles, reinforced concrete pile capping, footings and foundation walls, waterproofing, damproofing, etc., for a building of approximately 185,000 square feet ground area. Work to be completed in five months. Certified check or bid bond of 2 per cent of the amount of the bid must accompany each proposal. Performance bond of 50 per cent of the amount of the contract will be required. Not exceeding six sets of drawings and specifications will be furnished to general contractors on request, in the discretion of the Supervising Architect, provided a deposit of fifty dollars (\$50) is made for each set. Deposits will be refunded on return of the drawings and specifications in good condition. Checks must be certified and made payable to the Treasurer of the United States. JAS. A. WETMORE, Acting Supervising Architect.

Bids close May 9, 1928.

Bids close May 9, 1928.

Road Protection

Road Protection

Bay St. Louis, Miss.

Sealed bids will be received by the Road Protection Commission, Hancock County, Bay St. Louis, Mississippi, at the Courthouse until 11 A. M. May 9, 1928, for the construction of certain road protection from Central avenue in Lakeshore, Mississippi, to the end of the wall near the north end of Julia street west of the corporate line of Bay St. Louis, with the exception of that portion of this roadway that has been paved within the City of Bay St. Louis.

The approximate quantities are as follows:

10,000 Cu. Yds. Earth Excavation. 132,600 Sq. Yds. Reinforced Concrete Pavement. 49,850 Lin. Ft. Combined Curb and Side

walk. 112 Lin. Ft. 18-in. and 24-in. Concrete

112 Lin. Ft. 18-in. and 24-in. Concrete Pipe.
Plans are on file in the office of the Chancery Clerk, Bay St. Louis, and at the Consulting Engineer's office, Bay St. Louis. Copies may be obtained at the office of James W. Billingsley, Consulting Engineer, Interstate Bank Building, New Orleans, La., upon payment of \$12.50, which will not be returned.

A certified check for five (5%) per cent of

npon payment of \$12.50, which will not be returned.

A certified check for five (5%) per cent of the total bid, made payable to the Chancery Clerk, Hancock County, must accompany all bids.

The right is reserved to reject any and all bids and to waive technical errors.

ROAD PROTECTION COMMISSION OF HANCOCK COUNTY, MISSISSIPPI.

By R. C. ENGMAN. Chairman.

BOARD OF SUPERVISORS OF HANCOCK COUNTY, MISSISSIPPI.

By H. S. WESTON, President.

JAMES W. BILLINGSLEY,

Consulting Engineer.

Bids close May 7, 1928.

Reinforced Concrete Bridge

Clearwater, Fla.

Sealed proposals will be received by the City of Clearwater, Florida, until 7.30 P. M., May 7, 1928, for constructing a reinforced concrete bridge on Betty Lane across Stevenson Creek. Approximate quantities on a construction of the construction

Sealed proposals will be received by the City of Clearwater, Florida, until 7.30 P. M., May 7, 1928, for constructing a reinforced concrete bridge on Betty Lane across Stevenson Creek. Approximate quantities are:

470 lin. ft. Foundation Piling.
170 cu. yds. Reinforced Concrete.
Blank forms of proposal and specifications will be furnished prospective bidders. Plans for the same are on file in the office of the City Engineer of said City, where they may be obtained by making a deposit of \$10.00, which deposit will be returned only to bona fide bidders.

Certified check of \$500.00 is required with each bid and bond for 100% of the contract price will be required of the successful bidder, such bond to be a bond with reputable and responsible surety company as surety and written by company or companies authorized to do business in the State of Florida.

The City reserves the right to reject any and all bids.

The City reserves the right to increase or decrease the amount of work included in these specifications without affecting in any way the contract prices and without affecting the specifications or contract in any other respect.

Bids on complete alternate pians will be considered.

H. S. RIDDLE,
City Manager.

H. S. RIDDLE, City Manager.

Bids close July 31, 1928.

Proposals for Bridge Franchise Across the Mississippi River at or Near Baton Rouge, Louisiana

Baton Rouge, La.

Baton Rouge, La.

The Louisiana Highway Commission will, at 11 o'clock A. M. on TUESDAY, JULY 31, 1928, at its offices in the Reymond Building, Baton Rouge, Louisiana, receive proposals for the construction, operation and maintenance of a highway traffic bridge across the Mississippi River at or near Baton Rouge, Louisiana. All proposals must be in sealed envelopes, addressed to the Chairman of the Louisiana Highway Commission, and must be accompanied by a certified check for \$10,000, payable to the Louisiana Highway Commission, as an evidence of good faith. All checks of unsuccessful bidders to be immediately returned after the franchise has been awarded. The check of the successful bidder will be retained by the Commission until it is replaced with a bond for \$25,000, with the successful bidder as principal and a surety company authorized to do business in the State of Louisiana, as surety, conditioned upon the beginning of the work upon the bridge at such time as may be specified in the franchise. All bidders must be able to furnish bond of five (5%) per cent of the estimated cost of the bridge conditioned upon the faithful performance of the franchise, to be filed with the Louisiana Highway Commission at the time the work on the said bridge is begun.

Bids may be made in the alternative for either an exclusive highway traffic bridge, and provision must be made in all of the proposals submitted for the amortization of that portion of the bridge devoted to highway traffic, if a combination bridge, or for the entire bridge, with further provision for making the bridge, if an exclusive highway traffic bridge, and provision reserves the right to reject any and all proposals, or to select the proposal which seems most desirable and advisable for developing and perfecting the State Highway System of this State, and to enter into a contract accordingly.

LOUISIANA HIGHWAY COMMISSION.

Bids close May 8, 1928.

State Highways

DEPARTMENT OF PUBLIC WORKS STATE OF MARYLAND STATE ROADS COMMISSION

NOTICE TO CONTRACTORS

Baltimore, Md.

SEALED PROPOSALS for building six sections of State Highway as follows:
Bultimore County, Cont. B-87—One section of State Highway between Glyndon and Dover for a distance of 1.5 miles.

(Concrete.)

Baltimore County, Cont. B-87—One Section of State Highway between Glyndon and Dover for a distance of 1.5 miles. (Concrete.)
Howard County, Cont. Ho-53—One section of State Highway along Cherry Lane from end of Cont. Ho-28 to the New Cut Road, a distance of 0.34 mile. (Concrete.)
Anne Arundel County, Cont. AA-55—One section of State Highway from the Patapsco River Bridge to Linthicum and along the Nursery Road for a distance of 3.48 miles. (Concrete.)
Harford County, Cont. H-61—One section of State Highway through Pylesville, including Reinforcing Concrete Bridge over Broad Creek, for a distance of 0.2 mile. (Concrete.)
Cecil County, Cont. Ce-65—One section of State Highway from Calvert toward Bayview for a distance of 2.5 miles. (Concrete.)
Somerset County, Cont. S-29—One section of State Highway from Princess Anne toward Mt. Vernon for a distance of 1.0 mile. (Concrete.)
will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 8th day of May. 1928, at which time and place they will be publicly opened and read.
Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.
No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.
The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.
The Commission reserves the right to reject any and all bids.

contracts.

The Commission reserves the right to reject any and all bids.

BY ORDER of the State Roads Commission this 19th day of April, 1928.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close May 1, 1928.

Street Improvement Paving

Knoxville, Tennessee.

Knoxville, Tennessee.

Sealed proposals for street improvements will be received by the City of Knoxville, Tennessee, until 10 o'clock A. M. May 1, 1928, and such proposals will be publicly opened and read immediately thereafter.

All bids shall be made upon proposal blanks attached to the instructions to bidders and specifications, which may be obtained from the office of the City Engineer. The proposed work will consist of approximately 36,000 sq. yds. of sheet asphalt 111,500 sq. yds. asphaltic concrete, with 6-inch concrete base, and 55,000 sq. yds. concrete paving, as shown in detail by plans and specifications on file in the office of the City Engineer.

Bids shall be accompanied by either a certified check upon an incorporated bank or trust company for two per cent (2%) of the amount of the bid, or a bid bond in like amount with satisfactory corporate surety, to insure the execution of the contract by the successful bidder in accordance with plans and specifications, and entering into bond for full amount of the contract.

No contractor will be required to take bonds, warrants or certificates in payment, but payment will be made in cash upon monthly estimates of the City Engineer to the amount of ninety per cent of such estimates, and the balance will be paid in cash within sixty days after acceptance of the work. All of said work shall be completed on or before the first day of January, 1929. The city reserves the right to reject any or all bids.

CITY OF KNOXVILLE.

W. H. STAPLETON.
Recorder.

Bids close May 1, 1928.

Constructing Hydraulic Fills

Palm Beach, Fla.

Sealed proposals will be received by the Town of Palm Beach, Florida, until 7.30 P. M. Tuesday, May 1, 1928, at the office of the Town Manager for constructing hydraulic fills in Palm Beach Lowland, Fill District Number 1, and Palm Beach Lowland, Fill District Number 2. Estimated quantities: Palm Beach Lowland, Fill District No. 1, 280,100 cu. yds.; Palm Beach Lowland, Fill District No. 2, 906,900 cu. yds.; total cubic yards, approximately 1,108,000.

Specifications, form of proposal, bond and

Specifications, form of proposal, bond and contract may be obtained at the office of L. Trevette Lockwood, Town Manager. Palm Beach, Fla., and at the office of Butler. Barnett & Taylor. Town Engineers, 512-13 Citizens Bank Building, West Palm Beach, Fla., upon payment of \$25, which will not be returned. Payment for this project shall be made in lien certificates to be issued against the properties so filled or payment may be made in cash, as set out in the specifications, plans and contract.

The town reserves the right to reject any or all bids so offered.

L. TREVETTE LOCKWOOD, Town Manager.
BUTLER, BARNETT & TAYLOR, Engineers.

Bids close May 10, 1928.

Clamshell or Hydraulic Dredge Work

NOTICE TO CONTRACTORS

Baton Rouge, La.

Sealed Proposals will be received by the LOUISIANA HIGHWAY COMMISSION at their office in the Reymond Building, Baton Rouge, Louisiana, up to 11 o'clock A. M. THURSDAY, MAY 10, 1928, at which time and place they will be publicly opened, for the following work: STATE PROJECT 156-A, UNIT NO. 1, JEFFERSON PARISH, HAMMOND-NEW ORLEANS HIGHWAY.

Section "A," Unit No. 1, begins near the Orleans Parish Line at West End and extends in a westerly direction along the south shore of Lake Pontchartrain to the St. Charles Parish Line, a distance of 9.78 miles. This work consists of raising the embankment constructed by Sub-Drainage District No. 3 of the Fourth Drainage District of Jefferson Parish to elevation 29.0 cairo Datum. The completed embankment to have a top width of 70 feet, with side slopes of 2.1. Approximately 525,000 cubic yards (net) of embankment are to be placed. Bids are invited for constructing the embankment with a Clamshell dredge or with a Hydraulic dredge.

STATE PROJECT 156B, UNIT NO. 2, ST. CHARLES PARISH, HAMMOND-NEW ORLEANS HIGHWAY.

Project 156-B, Unit No. 2, begins near the St. Charles-Jefferson Parish Line and extends along the south shore of Lake Ponchartrain to the I. C. Railroad, about onehalf mile northwest of the LaBranch depot, a distance of 5.72 miles. The work consists of filling the recently dug flotation canal and borrow ditch with material to be pumped in from the lake by a hydraulic dredge. Approximately 1.700.000 cubic yards of pumped-in material will be required. Information as to the location, character of work, extent and class of material, terms of payment, regulations governing manner of submitting proposals and executing contract may, on application, be obtained at the office of the Louisiana Highway Commission, Reymond Building, Baton Rouge, Louisiana. Plans and specifications may be inspected at the office of the Commission in Baton Rouge, or will be furnished by the Commission and shall be placed, together with the proposal guaranty, in a sealed envelope so marked as to indic

Bids close May 14, 1928.

Reinforced Concrete Reservoir

Reinforced Concrete Reservoir

Easton, Md.

The Easton Utilities Commission will receive and open at their office in Easton, Maryland, at 2.30 o'clock P. M. on Monday, May 14, 1928, sealed proposals for the complete construction of a Reinforced Concrete Reservoir of 500,000 gallons capacity.

Proposal blank, form of contract, specifications and plans may be had at the office of the Commission or from the Town Engineer upon a deposit of two dollars (\$20).

A certified check for two dollars (\$20) must accompany all bids.

The Easton Utilities Commission reserves the right to reject any or all bids.

THE EASTON UTILITIES COMMISSION.

JNO. S. McDANIEL, Secretary.

E. G. KASTENHUBER, JR.,

Town Engineer.

Bids close May 14, 1928

Water Mains

Water Mains

Easton, Md.

The Easton Utilities Commission will receive and open at their office in Easton, Maryland, at 2.30 o'clock P. M. on Monday, May 14, 1928, sealed proposals for excavating and backfilling about five thousand linear feet of trench, and for laying therein castiron water mains and fittings in sizes varying from 4 inches to 20 inches.

Proposal blank, form of contract, specifications and plans may be had at the office of the Commission or from the Town Engineer upon receipt of a deposit of two dollars (\$2).

(\$2).
A certified check for two hundred dollars (\$200) must accompany all bids.
The Easton Utilities Commission reserve the right to reject any or all bids.
THE EASTON UTILITIES COMMISSION.
JNO. S. McDANIEL, Secretary.
E. G. KASTENHUBER, JR.,
Town Engineer.

Bids close May 10, 1928.

Water-Works System

Sealed proposals will be received by the Commission of Public Works of Summerville, S. C., on blank forms to be furnished by the Engineers not later than 3 P. M. May 10, 1928, in the office of the Commission, for the following:

For furnishing and installing approximately 53,700 feet of cast-iron pipe, valves, hydrants and fittings and 15,000 feet of 146-inch galvenized steel pipe.

One 250,000 reinforced concrete storage reservoir.

reservoir.

Erecting pumping machinery which will be furnished by the town.

Furnishing and erecting one 100,000-gallon steel tank mounted on 100-foot tower. Specifications may be obtained from the Engineers upon deposit of \$10, which deposit will be refunded if bid is submitted. Plans may be obtained by payment of \$2, which will not be refunded. Complete plans and specifications are on file in the office of the Commission.

the Commission.

COMMISSIONERS OF PUBLIC WORKS.

M. BARSHAY, Chairman.

RYAN ENGINEERING CO., Engrs.,

Arcade Building, Columbia, S. C.

Bids close May 1, 1928.

Power-Plant Equipment

Power-Plant Equipment

Rolling Fork, Miss.

Rolling Fork, Miss.

Notice is hereby given that the Mayor and Board of Alderman of the Town of Rolling Fork, Mississippi, will receive sealed bids up until 4 P. M. of the 1st day of May, 1928. for

One (1) Diesel Oil Engine, Horse Power Rating of 120 to 180, direct connected to Generator, rating from 90 K.V.A. to 140 K.V.A., including Exciter, Switch Board Panel for same fully equipped with necessary Switches and Instruments including Watt Hour Meter, Synscope and Automatic Voltage Regulator; also Switch Board Panels for 60 and 40 K.V.A. Units fully equipped so as to utilize Polyphase Watt Hour Meter, Synscope and Voltage Regulator on Panel Board for Unit to be purchased. Also series Street Light Panel, all Panels to be of like designs; also submit bids for the above equipment less Watt Hour Meter, Synscope and Voltage Regulator.

The Board reserves the right to reject

The Board reserves the right to reject any or all bids submitted for their approval.

SAM ROSENTHAL,

Mayor,

L. P. BARRIER

Bids close May 14, 1928. School Building

Scaled bids will be received in the office of the Secretary of the Board of Trustees of the Public Schools of the City of West Point, Mississippl, which is in the office of the City Cierk of said city, at 10 o'clock A. M., Tuesday, May 14, 1928, for the erection of a school building on the old Lynch School lot, as per plans and specifications now on file in the office of the Clerk of this Board.

Separate bids will also be the office of the Secretary of the secretary of the clerk of this secretary of the clerk of this secretary of the secretary of the clerk of this secretary of the secretary of the clerk of this secretary of the clerk of the clerk of the clerk of this secretary of the clerk of the c

Board.
Separate bids will also be received for heating, plumbing and electrical work.
Bidders must give bond in an amount equal to their bid for the faithful performance of their contract, and must specify the time within which the work is to be completed.
The Board of the State of the Clerk of the Completed.

The Board reserves the right to reject any and all bids.
The contract will be let to the lowest bidder.

bidder.
By order of the Board of Trustees of the Public Schools of the City of West Point, Mississippi, this April 20th, 1928.
W. H. VAN LANDINGHAM, Clerk.

Bids close May 3, 1928.

Water-Purification Plant, Intake and Appurtenances

and Appurtenances

Phenix City, Alabama.

Scaled proposals will be received by the Water Works Commission of the City of Phenix City, Alabama, until 2.00 P. M. May 3, 1928, and then opened, for furnishing materials and equipment and constructing works for obtaining a new water supply, consisting of:

RIVER INTAKE
PUMPING STATION
FORCE MAIN
SETTLING BASIN
PURIFICATION PLANT
FILTERED WATER RESERVOIR
PIPE LINE CONNECTIONS TO PRESENT DISTRIBUTION SYSTEM.

Plans may be examined at the office of the "Water Works Commission" and at the office of the Engineer. Plans and specifications with the required proposal blanks may be obtained by remitting \$15.00 to the Engineer for each set. Proposals made on blanks other than those furnished will not be considered by the Commission.

Each bid must be accompanied by a certi-

fied check for an amount not less than 5 per cent of the total amount of the bid. Failure or neglect to enter into the Contract and furnish necessary bond or collateral through surety authorized to do business in Phenix City, within a specified time after being notified of the award, will forfeit certified check to the Water Works Commission of the City of Phenix City as liquidated damages.

DR. ASHBY FLOYD, President, Water Works Commission of the City of Phenix City, Alabama. Engineer:

Engineer:
WARREN E. DARROW,
Columbus, Georgia.
ROY L. SMITH,
Clerk-Treasurer of the Commission.

Bids close May 8, 1928.

Store Front

Kosciusko, Miss.

For construction of new store front for The Potts Store at Kosciusko, Miss. Bids opened May S. Plans and specifications on file at office of Warren Potts, Merchants & Farmers Bank, Kosciusko, Miss.



CLASSIFIED OPPORTUNITIES



MINERAL AND TIMBER LANDS, WATER **POWER, MISCELLANEOUS PROPERTIES**

ZINC MINING and fruit lands for sale at from \$7.50 to \$25 per acre in World's Great-est Zinc Fields. Buy before the rush. J. L. McCARTY, Yellville, Arkansas.

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TWO DEPOSITS
OF LIMESTONE
IN NORTHWEST FLORIDA
Both large tonnage and high grade. Railroad runs through one and no great distance
from other. Should interest Cement Manufacturers. Address
S. D. CRENSHAW,
P. O. Box 667, Richmond, Va.

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I SPECIALIZE
in large tracts of timber. Buy, sell or trade.
BOB WORKMAN,
Tampa, Fla.

18 MILLION FEET virgin stumpage in West Central Georgia; gum and oak predominate; bottom land, but not swampy. Trunk-line R. R. through center, siding on property; \$90,000. Cruiser's report and full details to bona fide buyer. KEITH WEBB & SON, 217 First National Bank Building, Chattanooga, Tenn.

FARM AND TIMBER LAND
FOR SALE—Forty-acre apple orchard and
100 acres timber land adjoining. Address
A. P. JOHNSON,
Blue Ridge, Ga.

MISCELLANEOUS PROPERTIES

OPPORTUNITIES IN VIRGINIA—We are brokers for timber, coal lands, orchards, farms, country homes and business opportunities in Virginia, West Virginia and Tennessee. WHEELER & CO., Charlottesville, Va.

FARM, FRUIT AND TRUCK LANDS

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FLORIDA Colonization Tracts, Farms, City property and Citrus Groves. Co-operative Association, giving resident and non-resident members' groves scientific care.

E. J. KAUFMANN, Realtor, (Established 1918),
P. O. Box 15, Lakeland, Fla.

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Rate 30 cents per line per insertion. Minimum space accepted, four lines. In estimating the cost allow seven words of ordinary length to a line. When the advertisement contains a number of long words proper allowance should be made. Terms. Invariably cash with order; check, postoffice or express order or stamps accepted. No display type used. Questionable or undesirable advertisements will not be accepted. The assistance of our readers in excluding undesirable advertisements is requested. We reserve the right to refuse any advertisement. No patent medicine, oil or mining stock advertisement accepted. Rate for special contracts covering space used as desired within one year as follows: 100 lines, 28c per line; 300 lines, 26c per line; 500 lines or more, 25c per line.

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FLORIDA FLORIDA 400 ACRES, solid block, good agricultural land, 22 miles north of Tampa P. O., \$20 per acre. Send today for booklet and new list of Groves and Farms. Tampa-West Coast Realty Co., Opp. P. O. "Since before the War," Tampa, Florida.

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A WELL-IMPROVED FARM, whose soil will grow anything, of 3863 acres. Elevenroom two-story dwelling, all modern conveniences, overseer's six-room house, plenty barns and tenant houses, railroad station on the place, electric-power line through the place, Ogeechee River south boundary; ideal stock farm, hunting preserve, factory sites, subdivision. For further information write or wire

T. Z. DANIEL, Millen, Ga.

T. Z. DANIEL, Millen, Ga.

ALABAMA AND MISSISSIPPI
INVESTIGATE THE TOMBIGBEE VALLEY ON FRISCO'S NEW LINE
You are interested in a land where the
Winters are mild and short, and the Summers temperate and long, with a growing
season lasting practically the entire year.
Soils that will grow abundantly almost
every crop known, that are especially suited
for dairying, stock and poultry raising,
offer the farmer, the investor or homeseeker
opportunities unsurpassed anywhere and too
numerous to detail here.

Write for descriptive booklet giving complete information.

THE SUNNYLAND ORGANIZATION,
District Colonization Agent,
Columbus or Aberdeen, Mississippi.

FARM, FRUIT AND TRUCK LANDS

NORTH CAROLINA

NORTH CAROLINA

If interested

FOR HOME OR FOR INVESTMENT
In the great and rapidly developing
STATE OF NORTH CAROLINA,
especially in its leading city, Charlotte, or
in a Southern Cotton Mill or Southern Mill
Stocks, write to
F. C. ABBOTT & CO..
Realtors and Investment Bankers
Nearly thirty years in Charlotte.

ONLY \$3.50 bonus for 13,900 acres Oil land Brewster County, Texas. State debt \$1.25. This ranch will run 2000 cows. Victor Bengtson, 401 Nalle Bldg., Austin, Texas.

RIO GRANDE VALLEY—500 acres, \$50 an acre; fourth cash. Orange trees 50 years old joins. Abundant 'shallow well water. Fine for development and immense honorable profits. Blackshear, Brownsville, Tex.

"TEXAS 'WINTER GARDEN'
LANDS."

A subdivision in 20-40 acre tracts, cleared and irrigated; suitable for Citrus Fruits, winter Vegetables, Staple Crops. Reasonable prices. INVESTIGATE our proposition TODAY.

BERMUDA LANDS COMPANY, Realtors, 501-4 Houston Building, San Antonio, Texas.

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\$1,000,000 NORTH WALES

An historic home in the Old Dominion, one hour and thirty minutes over concrete road from capital of nation. Stone mansion, perfect architecture, every modern equipment; full complement of outbuildings; 1200 acres of fertile land; handsome homes nearby; 3 miles to station; golf course and hunt clubs.

by; 3 miles to station; golf course and hunt clubs.

This truly magnificent estate, which, with the equipment, including the very beautiful furniture, cost over one million dollars, is now purchaseable at \$450,000.

Description and photographs furnished upon application.

H. W. HILLEARY, Exclusive Broker, 815 Fifteenth Street, Washington, D. C.

CITY AND SUBURBAN PROPERTY

ORMOND BEACH, FLORIDA

River to Ocean Property at Bargain Prices. Large strip of land on the famous Ormond-Daytona Beach, running back 2900 feet to the Halifax River, located two miles north of the Ormond Beach Hotel (owned and operated by the Florida East Coast Railroad) and the winter residence of Mr. John D. Rockefeller. For quick sale I offer a portion of this land for cash at a price way below its present value.

It is an ideal location for a large private estate or for a high-class residential development.

opment.

For particulars please address

WALTER L. THURSTON.
P. O. Box 1, Ormond Beach, Florida.

HOTEL FOR SALE

HOTELS IN DAYTONA BEACH AND ORMOND, FLORIDA, are now closing best season ever experienced during normal times. Now is the time for you to get into the Winter hotel business in Florida. We offer for sale a small, highly desirable hotel, which, owing to a reorganization, we can sell at less than its replacement cost today, not counting land or furnishings.

L. W. MIMS,
P. O. Box 222, Daytona Beach, Fla.

BUSINESS OPPORTUNITIES

FOR SALE—As a whole or one-half in-terest in a going lumber business. Manu-facturers and retailers in Eastern North Carolina want partner to take active inter-est; ten thousand dollars needed. Address AYDEN LUMBER & SUPPLY CO., Ayden, N. C.

ADVERTISING AND PUBLICITY

DEVELOPMENT ADVERTISING and publicity man, widely experienced on big projects, available for long or short campaign. Address No. 6890, care Manufacturers Record. Baltimore. Md.

PUBLIC UTILITIES WANTED

HAVE CLIENTS with money to invest in bublic utilities, electric-power plants, water-works systems and ice factories. Write eorge B. Baskerville, Cons. Engineer, 1616 enth Avenue. South. Birmingham. Ala.

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ENGINEERING REPORTS on resources of cities and towns. Recommendations for industrial development made by specialists in locating industries.

TECHNICAL SERVICE COMPANY Woolworth Building New York City

INDUSTRIES WANTED

SUNBRIGHT, TENN., is offering Natural Gas at 15c per thousand to reliable manufacturers. We will arrange free land site and guarantee abundance of cheap labor. Healthiest all-year-round spot on earth. Good schools and churches on Cincinnati Air Line Highway and Sou. R. R. Write me.

W. A. MESSER, Sunbright, Tenn.

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CONSTRUCTION MANAGER, age 39, married, desires to connect with large construction company as resident manager, or large corporation doing its own building, or small corporation that needs capable man familiar with all parts of the business. Experienced in industrial, commercial, educational building, in charge of estimates, contracting, buying, subcontracts and field supervision. Location immaterial. Qualified by past experience similar capacity, Address No. 6893, care Manufacturers Record, Baltimore, Md.

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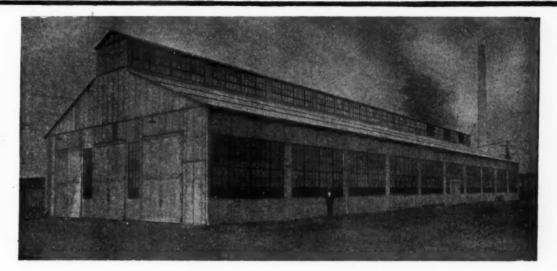
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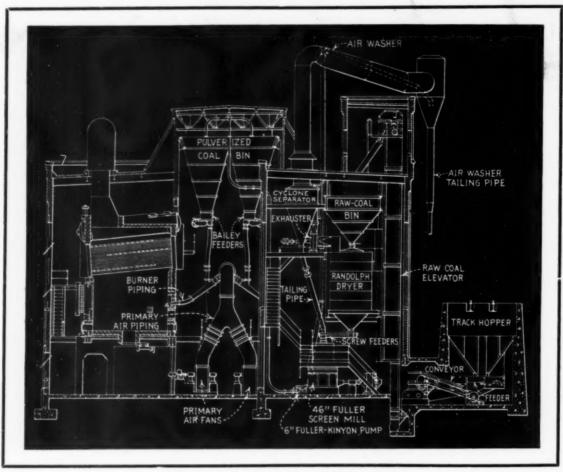
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MARYLAND METAL BUILDINGS



Section through boiler and coal-pulverizing plant,

Goodall Worsted Company Changes over to Pulverized-Coal Firing

In December, 1926, the Goodall Worsted Company, Sanford, Maine, began firing its boilers with pulverized coal. Previous to that time oil was used for fuel. On the basis of normal production savings are enough to pay for the cost of installation in three years time.

When the boilers were changed over, no structural changes were required to accommodate the pulverized - coal equipment.

The Fuller Lehigh Equipment installed for the four boilers, of 7370 sq. ft. of heating surface each, consisted of two 4-ton Randolph Dryers, two No. 46 Fuller Pulverizing Mills, one Fuller-Kinyon Transport System, eight Bailey Coal Feeders and sixteen 8-inch Fuller Horizontal Burners. The coal used is Pocahontas Slack.

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